<Portfolio 2025>

Umar Fikri

</Portfolio/>

Ahmad Umar Fikri Bin Ahmad Fathillah

umarfikri1712@gmail.com

<Portfolio 2025>

</ /About me/ />

I am Ahmad Umar Fikri bin Ahmad Fathillah, a **Bachelor of Computer Science (Honours)** graduate from **Universiti Teknologi MARA** with a passion for **web development**. I enjoy building dynamic and interactive web experiences while continuously learning new technologies.

Currently, I am seeking an **entry-level software development role** to apply my skills, contribute to innovative projects, and grow in the tech industry.

umarfikri1712@gmail.com

My contact

Email

umarfikri1712@gmail.com

Phone Number

018-9598505

Website

https://auriweb.me/

Address

No 1, Jalan Lembah Perpaduan 5, Lembah Perpaduan Permai, 31150, Ulu Kinta, Perak

My resume _ Education

< 2019 - 2023 >

Universiti Teknologi MARA (UiTM), Tapah

Bachelor of Computer Science (Hons.)

CGPA: 3.46

< 2018 - 2019 >

Perak Matriculation College (KMPK), Gopeng

Module II Physical Science

CGPA: 2.96

< 2013 - 2017 >

Sekolah Menengah Kebangsaan Tambun

Grade: 4A, 3B, 2C

</ My resume _ Experience />

< Oct 2023 – Now >

Librarian - Contract
Perbadanan Perpustakaan
Awam Negeri Perak

<Feb 2023 – Oct 2023>

Librarian - Pekerja
Sambilan Harian (PSH)
Perbadanan Perpustakaan
Awam Negeri Perak

<Oct 2022 – Feb 2023>

Internship
Perbadanan Perpustakaan
Awam Negeri Perak

My resume _Skills

Programming Skills

Intermediary: Html, PHP, JavaScript, SQL
Beginner : C++, Java

Framework Used

Intermediary: Laravel, CodeIgniter 4, CodeIgniter 3, Bootstrap
Beginner: Ionic, Angular, jQuery

Software Used

Microsoft Office, Visual Studio Code, Github

Language

Bahasa Melayu (Native), English (Intermediate)

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</My Experience/>

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Internship

This is some of the work I undertake as an intern at PPANPk:

- Install necessary software on staff computer such as Microsoft Office and windows on a corrupted computer.
- Configure network settings.
- Disposing of outdated or malfunctioning device.
- Develop PPANPk website Content Management System (CMS).
- Develop Majlis Bersama Jabatan (MBJ) Proposal System (Incomplete / Abandoned Project)

</ Librarian – Pekerja Sambilan Harian (PSH) (Pembantu Pustakawan S19) />

(Unit Pengurusan dan Pembangunan Koleksi)

- Evaluated, selected, and acquired library materials including books, electronic resources, and multimedia for the interest of library patrons.
- Interacted and negotiated with book suppliers and vendors in order to reach an arrangement to acquire and obtain materials for the library's collection.
- Interacted and negotiated with book suppliers and vendors in order to reach an arrangement to acquire and obtain materials for the library's collection.

Librarian – Contract (Pembantu Pustakawan S19)

(Unit Perpustakaan Awam Negeri dan Gerakan Membaca)

- Engaged with the community through outreach activities and partnerships with local schools and organizations and promoted library activities such as mobile library bus services, public activities, and workshops.
- Managed circulation desk operations, including checking in and out materials and collecting fines using the KOHA system and an in-house website known as EZiSTAT.
- Assisted patrons in locating resources to meet their information needs and assisted patrons in accessing online databases, e-books, and digital resources by promoting u-Pustaka among library patrons.
- Instructed children in coding and programming concepts through interactive sessions using LEGO Education Spike Prime.

Librarian – Contract (Pembantu Pustakawan S1)

(Unit Teknologi Maklumat ICT)

- Assisted in developing system applications to meet organizational needs using MVC Framework (Codeigniter 3, Codeigniter 4, Laravel, Bootstrap).
- Managed procurement, maintenance, and troubleshooting of ICT equipment, including servers and network systems.
- Monitored and managed ICT asset movement, including rentals and loans.
- Assisted in installing and configuring new ICT equipment and network systems for the organization

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</My Project/>

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Project List

This is one of the projects I have developed as part of my journey in web development, allowing me to apply and refine my skills in PHP, JavaScript, front-end design, and various frameworks.

- On-Demand Car Wash Hybrid Application (Final Year Project)
- PPANPk Website Content Management System (Internship Project)
- Library Alert
- Burger Kampung
- Morse Code Translator

</ On-Demand Car Wash Hybrid Application />

Summary

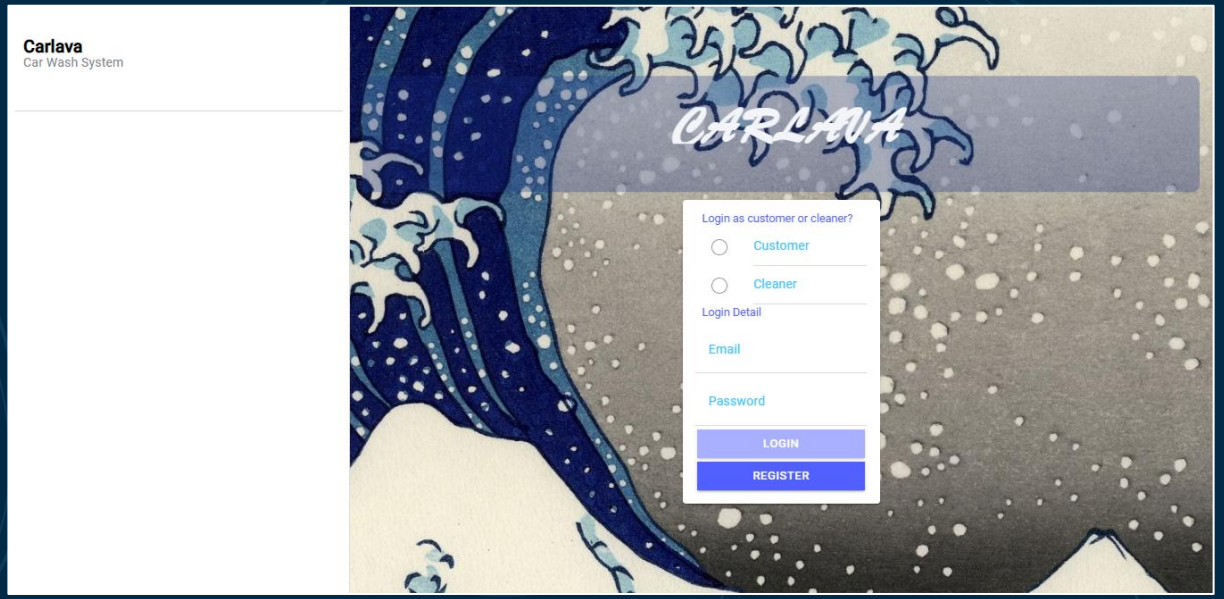
On-Demand Car Wash Hybrid Application is a hybrid application built using the Ionic framework and Firebase database to help users find the nearest car wash services from their location. Through this app, users can order services, and a car cleaner will drop by to provide such services. This app relies on the gig economy which mean a labor market that relies heavily on temporary and part-time positions filled by independent contractors, as is the case with other well-known apps like Foodpanda and Grab. This is a project I developed as part of my Final Year Project (FYP).

</ On-Demand Car Wash Hybrid Application />

Knowledge

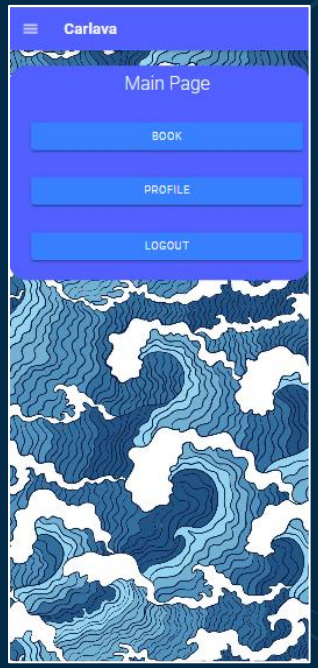
During my engagement with this project, I acquired the skills to proficiently develop hybrid applications (Mobile and Web systems) using Ionic framework. Simultaneously, I gain knowledge to utilize Ionic and the Angular framework for the first time. In addition to my grasp of project management, I also gained insights into the realms of web hosting and domain management.

</// On-Demand Car Wash Hybrid Application //>

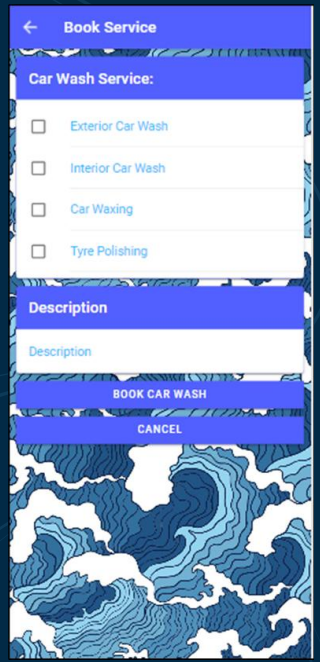


Login Page

</// On-Demand Car Wash Hybrid Application //>

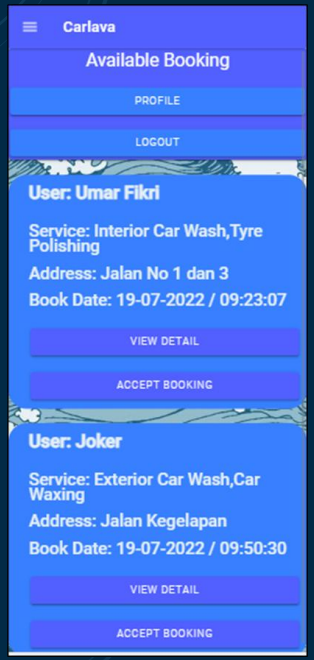


Customer Home Page

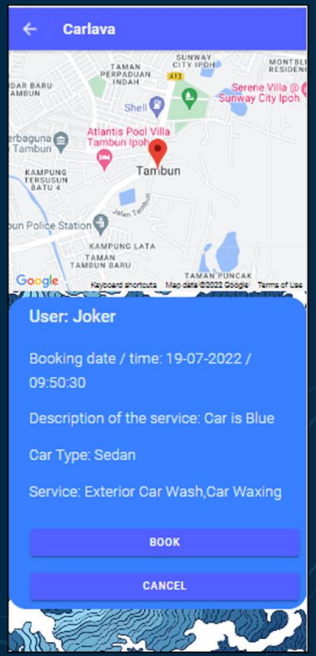


Customer Book Page

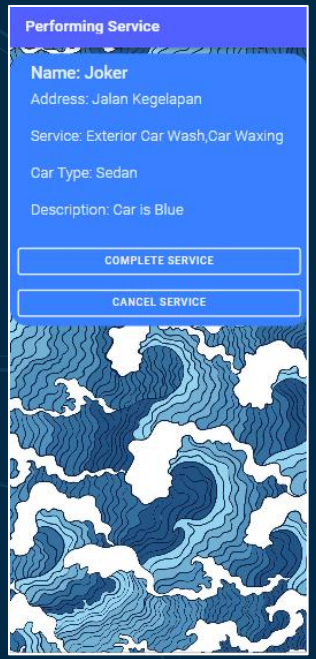
</ On-Demand Car Wash Hybrid Application />



Cleaner
Home Page



Cleaner
Booking Page



Cleaner
Performing Page

PPANPk Website Content Management System (CMS)

Summary

Content Management System (CMS) is a tool for managing content that enables multiple contributors to create, edit, and publish contents. The contents of the CMS are stored in the database and will be displayed on the website. In this instance, the websites that need to be handled are the PPANPk official website, so that others can update the content of the website without affecting the website's coding.

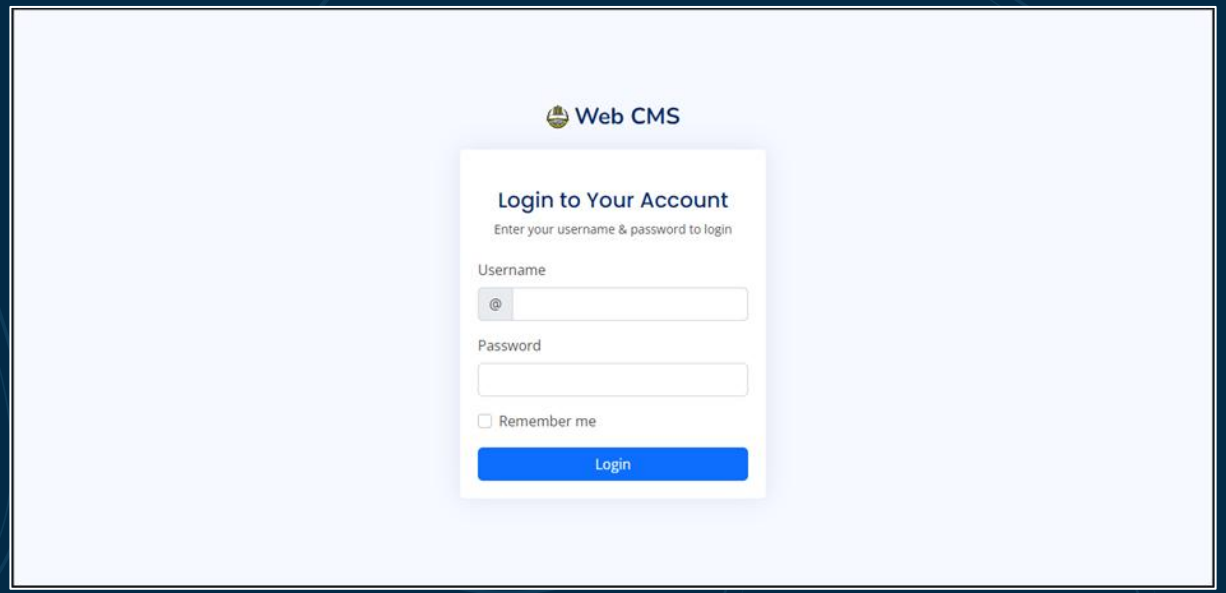
This system are being developed using CodeIgniter 3 and the Bootstrap framework with MySQL phpMyAdmin database. The purpose of a CMS is to helps non-developer users edit the content lessen the need for front-end developers to update the website, making it faster and easier to add new content to the web pages. This is a project I developed during my internship.

PPANPk Website Content Management System (CMS)

Knowledge

This marks my initial immersion into the Model-View-Controller (MVC) concept within a system. Through this experience, I reacquainted myself with PHP and embarked on developing my inaugural system with the aid of another framework, CodeIgniter 3. Furthermore, I gained proficiency in dynamically updating data content between two distinct systems: the official PPANPk website and this CMS system. I also acquired the skills to manage the input and output of data within databases.

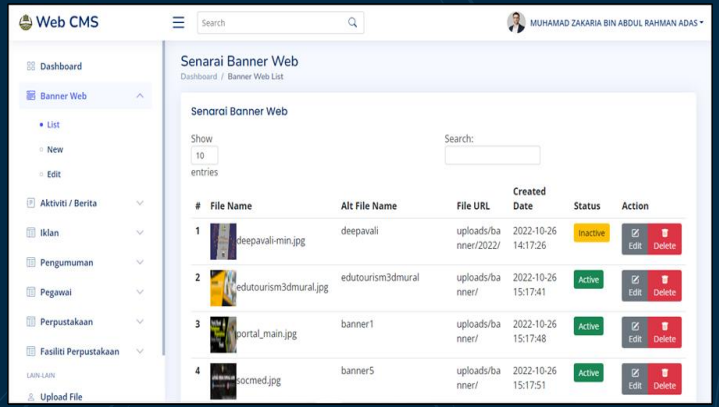
PPANPk Website Content Management System (CMS)



Login Page

PPANPk Website Content Management System (CMS)

PPANPk Official Website



PPANPk CMS

PPANPk Website Content Management System (CMS)

Data that users can manipulate and update directly using Content Management System (CMS):

- Banner web
- Activity / News
- Advertisement
- Announcement
- Staff Officer
- Library
- Library Facilities

Library Alert

Summary

Library Alert is a system that notifies others when an individual library is open or closed. Staff members must complete the system form before opening or closing their library. The state of the library can be evaluated on the admin side of this system.

This system was created using CodeIgniter 3, jQuery JavaScript, SweetAlert notification and the Bootstrap framework, as well as a MySQL phpMyAdmin database. The goal of this system is to digitize the library status data and know whether the library is open or not.

Although PPANPk did not implement the system, developing Library Alert allowed me to gain hands-on experience in web development especially in real-world problem-solving in web development.

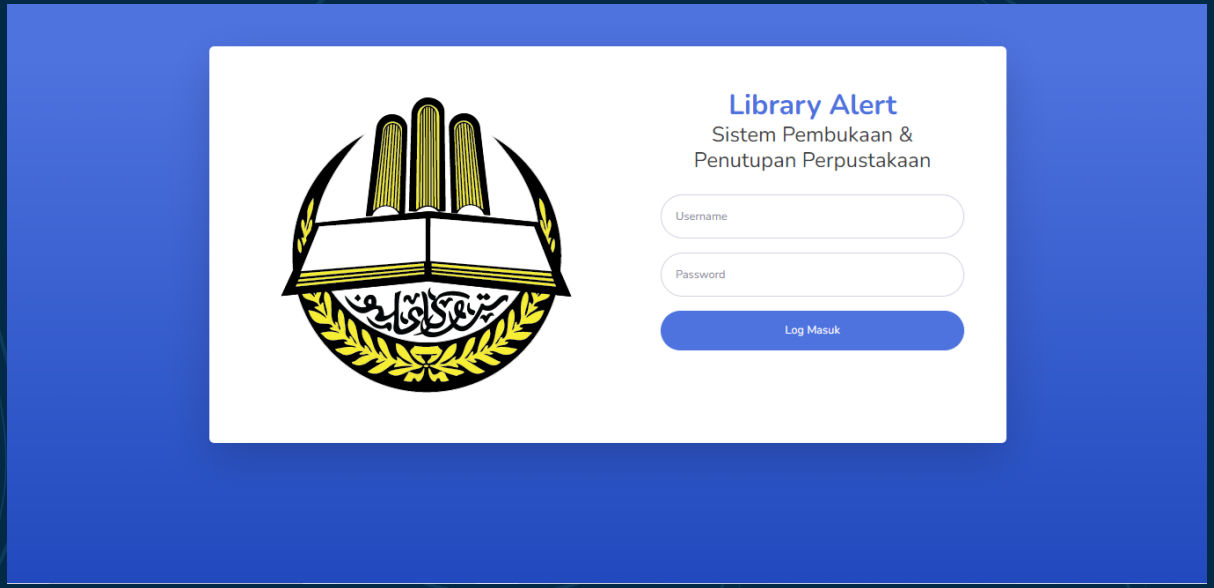
Library Alert

Knowledge

This system has significantly enhanced my understanding of user requirements within an organization. Through its development, I gained valuable insights into crafting a system tailored to the demands of library users. While the system's structure remains relatively straightforward, it adeptly fulfills its role in informing users about the library's status.

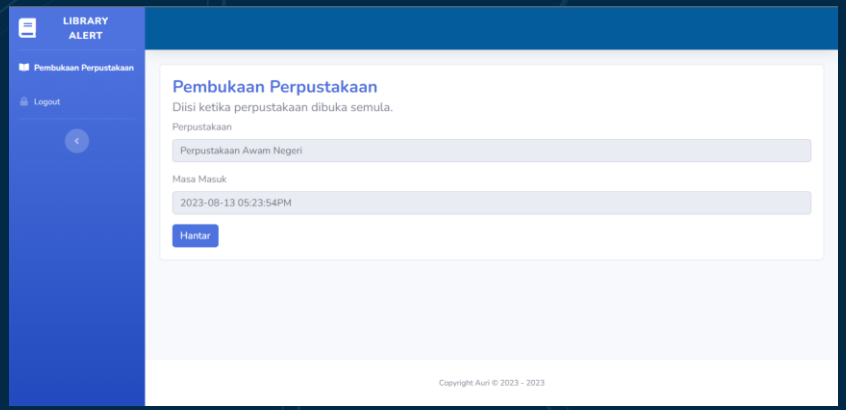
During this process, I also engaged in a thorough reacquaintance with JavaScript, particularly through the utilization of jQuery. Furthermore, I refreshed my skills in implementing AJAX, created my own database API, harnessed the capabilities of the DataTables plugin, and successfully implemented notifications using the SweetAlert plugin.

Library Alert

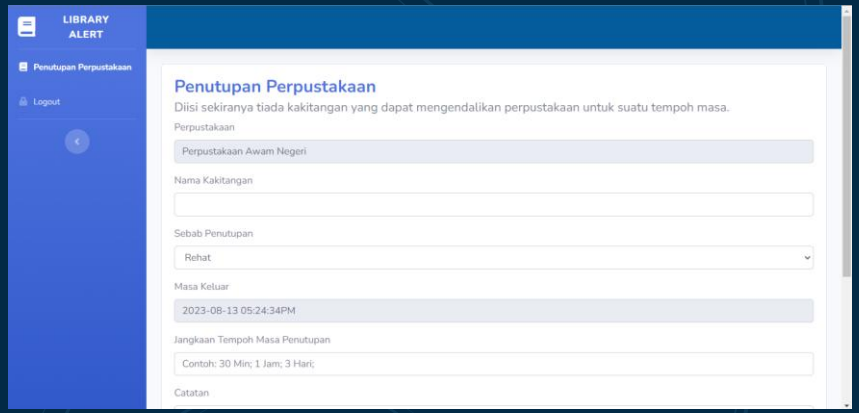


Login Page

Library Alert - Staff

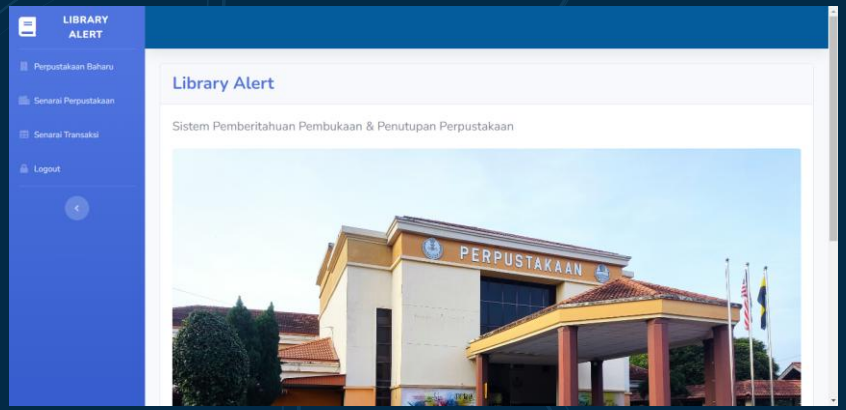


Open Library Page



Close Library Page

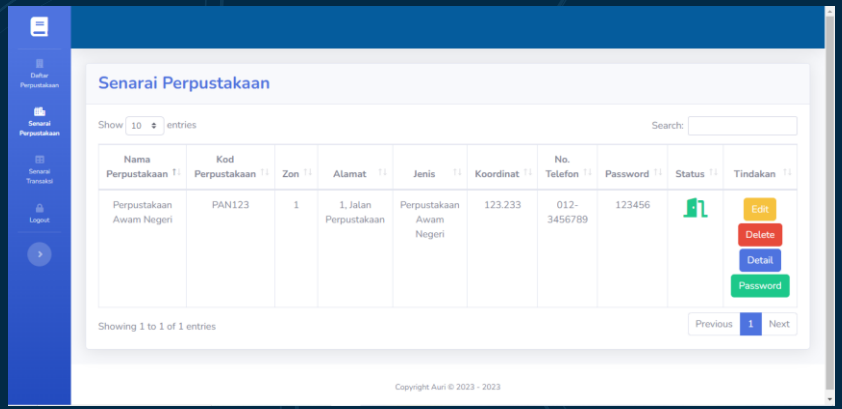
Library Alert - Admin



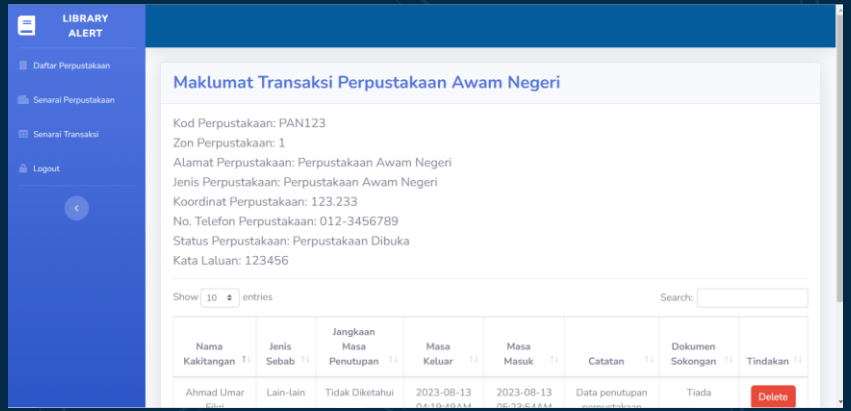
Home Admin Page

Add Library Page

Library Alert - Admin

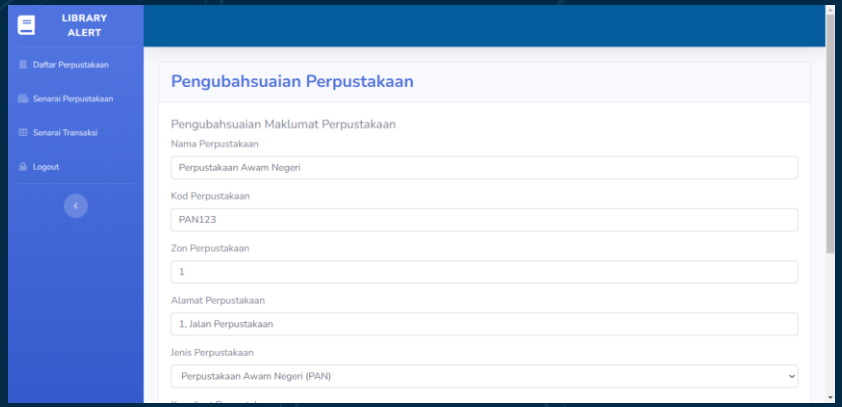


Library List Page

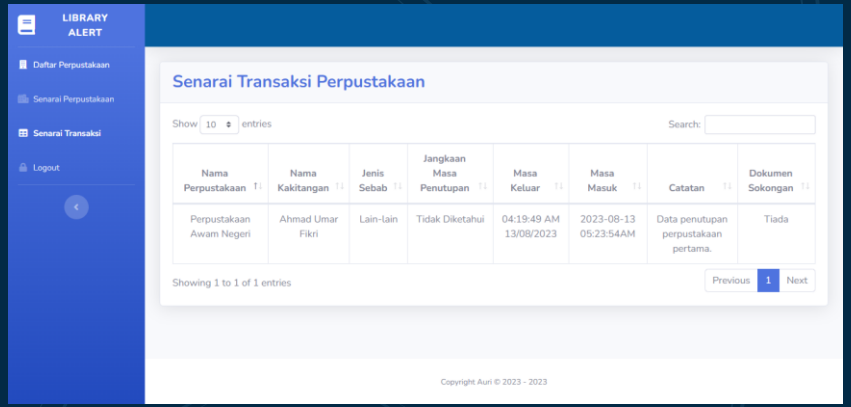


Library Detail Page

Library Alert - Admin



Library Edit Page



All Library Transaction Page

Burger Kampung

Summary

Burger Kampung is a Malaysian-inspired burger restaurant website that combines traditional flavors with a modern web experience. Designed with responsive design and user-friendly navigation, the website allows customers to browse the menu, place orders online, locate the restaurant using Google Maps integration and easily contact the restaurant through a dedicated contact section.

This system was built using HTML, CSS (Bootstrap & Sass), and Google Maps API. The goal of this system is to promote the Burger Kampung restaurant, attract more customers through an engaging online presence and ability to create engaging user interfaces to enhance business visibility.

Burger Kampung

Knowledge

This project served as a practical exercise in web design, where I honed my skills in Bootstrap and CSS to create a responsive and visually appealing website. I explored various Bootstrap features, including the grid system, flexbox, modals, navigation bar, and form styling, ensuring the site adapts seamlessly to different screen sizes. This hands-on experience helped me strengthen my understanding of front-end development and responsive design principles.

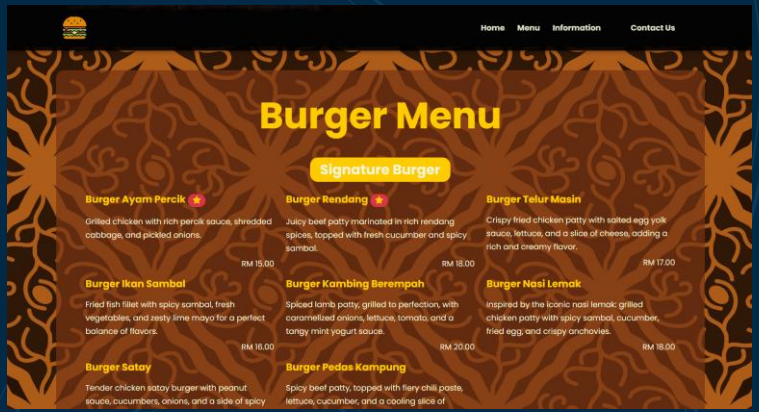
I also practiced using NPM for package management and Live Server for real-time development, improving my workflow with modern web tools. While this project focused solely on front-end development, it strengthened my understanding of responsive design and CSS techniques.

Burger Kampung

Home Section

Burger Kampung

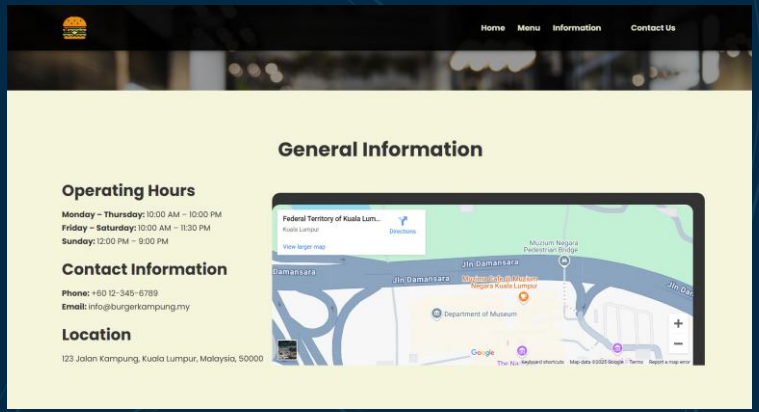
Restaurant Detail Section



Menu Section

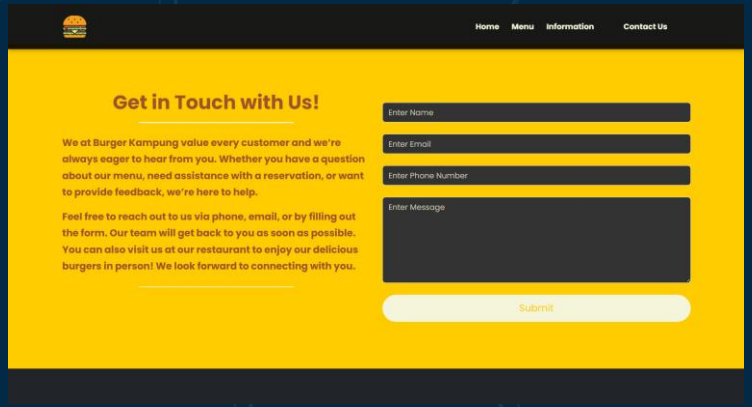
Burger Kampung

Review Section

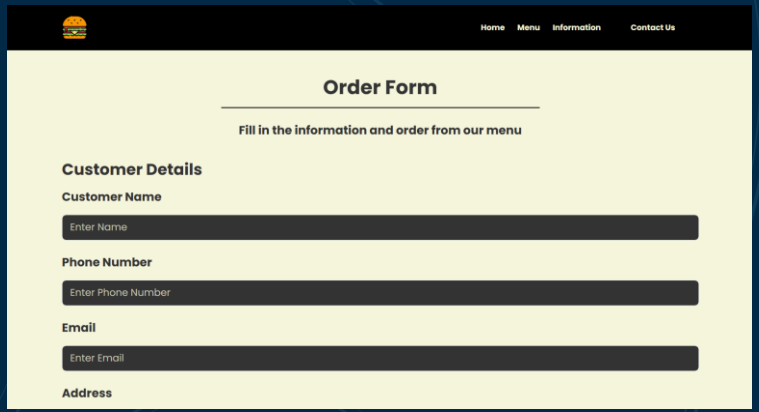


General Information Section

Burger Kampung



Contact Us Section



Order Form Page

Morse Code Translator

Summary

The Morse Code Translator is a web-based tool and a single-page website designed to convert text into Morse code (dots and dashes) and vice versa. It includes a prosign table to assist with translation and features a light blink function, allowing Morse code to be visually represented through flashing signals.

Built using HTML, Bootstrap, Sass, CSS, and JavaScript, this website ensures a seamless and responsive user experience across different devices. The goal of this website is to provide an easy and interactive way to learn and interpret Morse code.

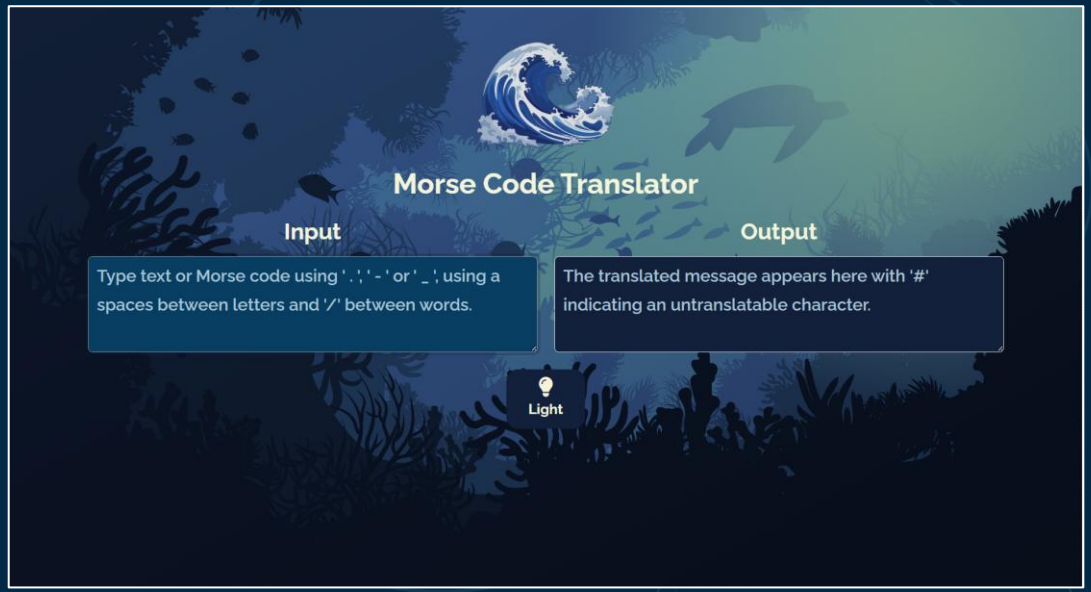
Morse Code Translator

Knowledge

This project was a practical exercise in JavaScript, where I focused on building an interactive Morse code translator. I utilized query selectors to dynamically access and manipulate DOM elements and implemented event listeners to handle user input and trigger real-time translation between text and Morse code. Additionally, I worked with JavaScript functions to ensuring smooth and accurate translation.

While JavaScript was the core of this project, I also applied Bootstrap for basic styling and responsiveness, ensuring the interface adapts well to different screen sizes. This experience strengthened my JavaScript skills in DOM manipulation and event handling while also reinforcing my understanding of front-end design principles.

Morse Code Translator

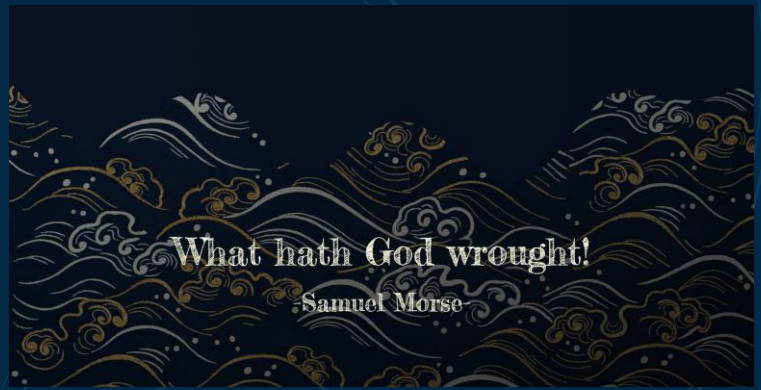


Morse Code Translator Section

Morse Code Translator

Prosigns (Special Procedural Signals)

Prosign	Morse Code	Meaning
AR	.-.-.	End Of Message
AS	.-...	Wait
R	.-.	Roger (Message Received)
K	-.-	Over (Invitation To Transmit)
BT	-...-	Break (Pause Or New Section)
VE	...-.	Understood
IMI	..--..	Repeat (Request Clarification)
SK	...-.-	End Of Communication
SOS	...---...	Distress Signal



Prosign Table Section

Quote Section

Daily Quote

Summary

The Daily Quote website displays a random quote, its author, and a background image that changes every time the page is refreshed. Its main function is to provide users with a fresh dose of inspiration and positivity on each visit.

Built using Laravel, Bootstrap, Sass, and MySQL, this project includes a custom CMS that allows users to add, edit, and delete quotes and background images. It serves as a test platform for database and file upload handling, while also highlighting the power of quotes to uplift, motivate, and brighten someone's day.

Daily Quote

Knowledge

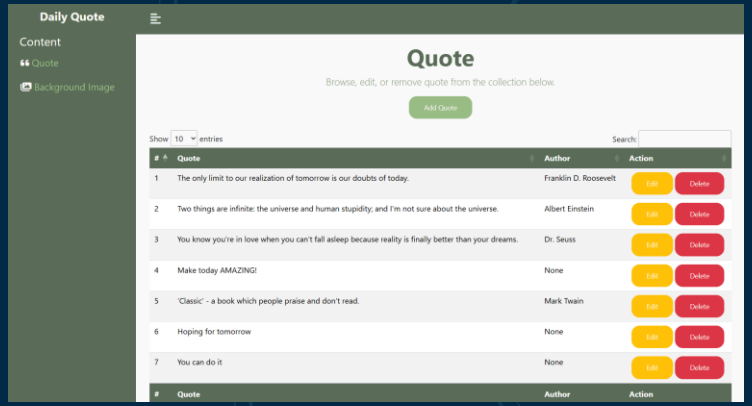
This project was a practical exercise in Laravel, focused on building a Daily Quote website that displays a new inspirational quote with each refresh. I developed a custom CMS for adding, viewing, and managing quotes, including background image uploads and MySQL database integration using Laravel’s routing, controllers, and file handling features.

Bootstrap and Sass were used for styling and responsiveness, ensuring a clean, user-friendly interface. This project strengthened my Laravel skills in data and file management while emphasizing the power of quotes to inspire and uplift users.

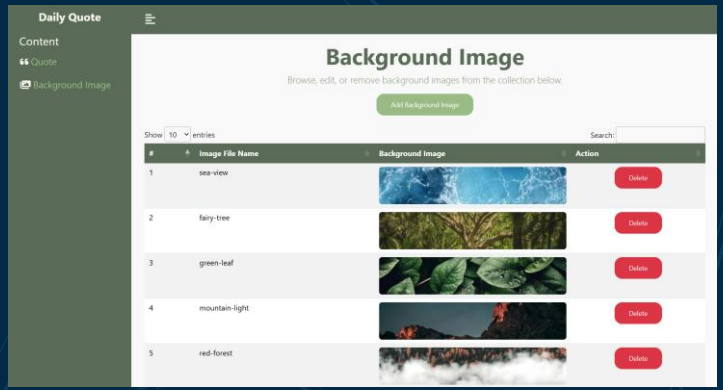
Daily Quote

Daily Quote Page

Daily Quote



Quote CMS Section



Background Image CMS Section

Resume Website

Summary

Resume Website showcases a personal profile, skills and expertise, work experience, project portfolio, and a contact form for direct communication. It provides a clean and organized layout for visitors to explore professional background and experiences.

The site is built using Laravel, Sass, Bootstrap, and MySQL, and includes a custom CMS with user roles (admin, editor, viewer) to manage accounts, resumes, portfolios, contacts, and projects. This project also marked a first experience with Hostinger for web hosting and domain management, successfully deploying this and several previous websites.

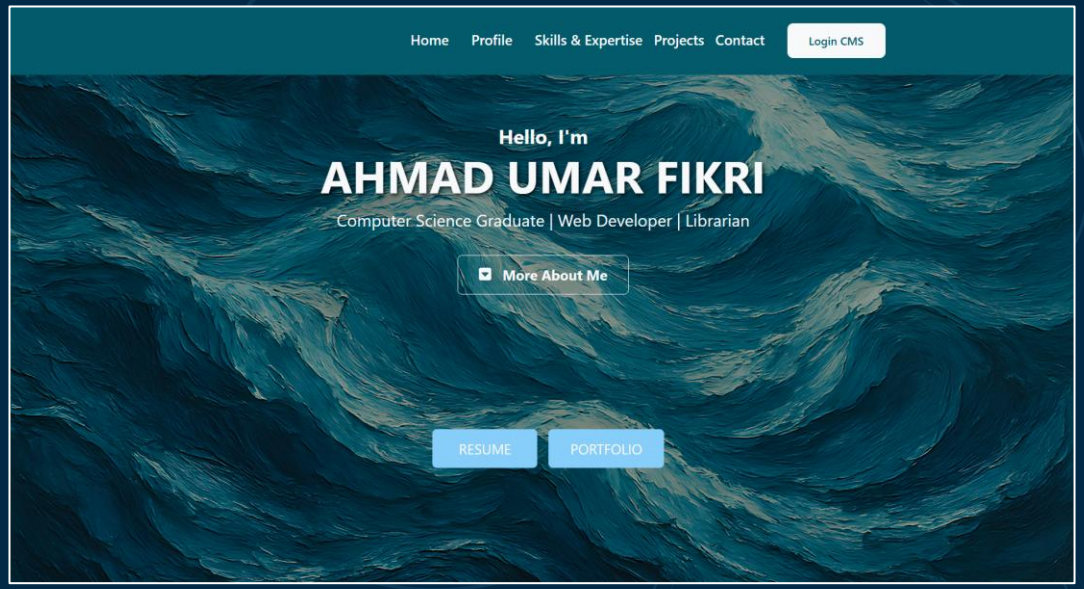
Resume Website

Knowledge

The Resume Website was developed using Laravel to present my personal and professional background in preparation for job interviews. This project marked my first experience working with Laravel's authentication system and implementing role-based access control, allowing different content visibility based on user roles. To enhance user interaction, I integrated SweetAlert for displaying success and error session notifications.

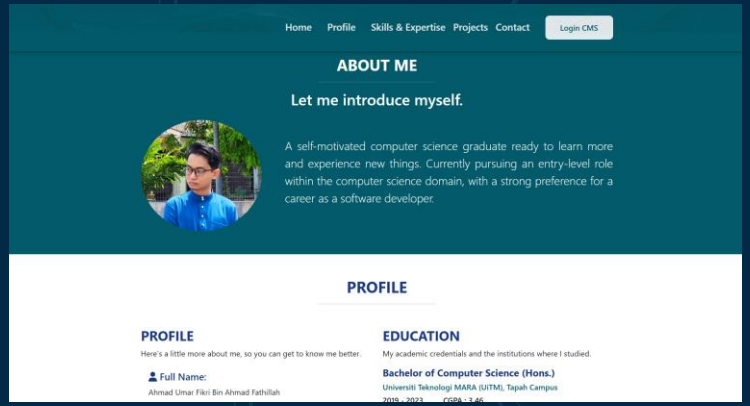
I also built a custom CMS to dynamically manage documents, projects, and user accounts. Additionally, this was my first time using Hostinger for web hosting and domain management, where I successfully deployed this site along with several previous projects, gaining valuable experience in live deployment and hosting.

Resume Website

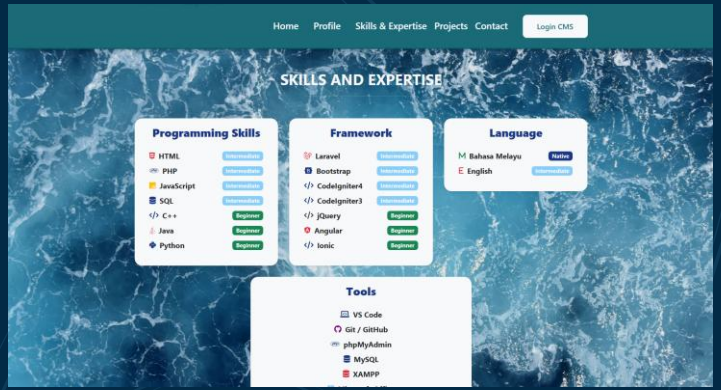


Resume Website Header Section

Resume Website

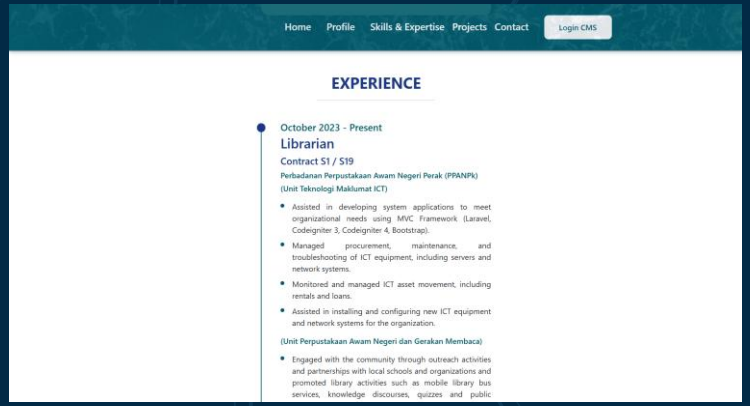


About Me & Profile Section

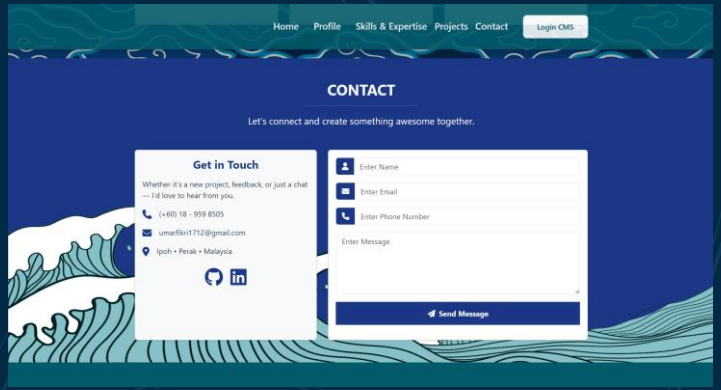


Skills and Expertise Section

Resume Website

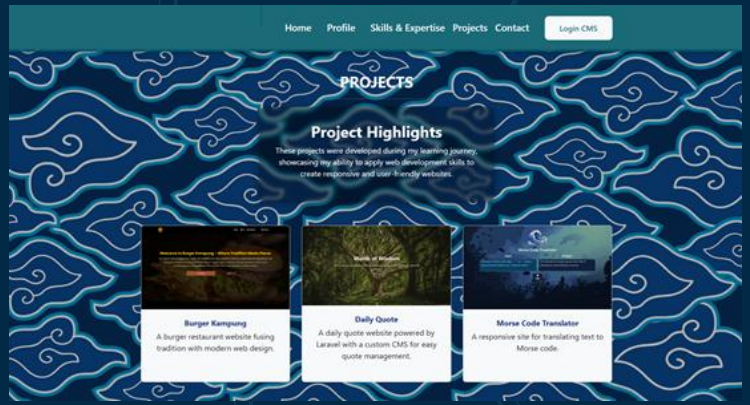


Experience Section

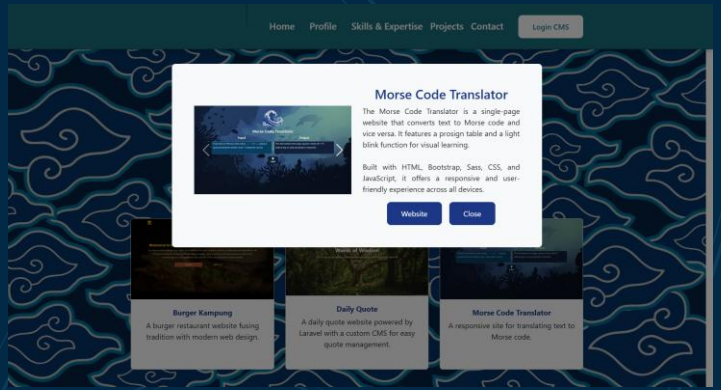


Contact Section

Resume Website

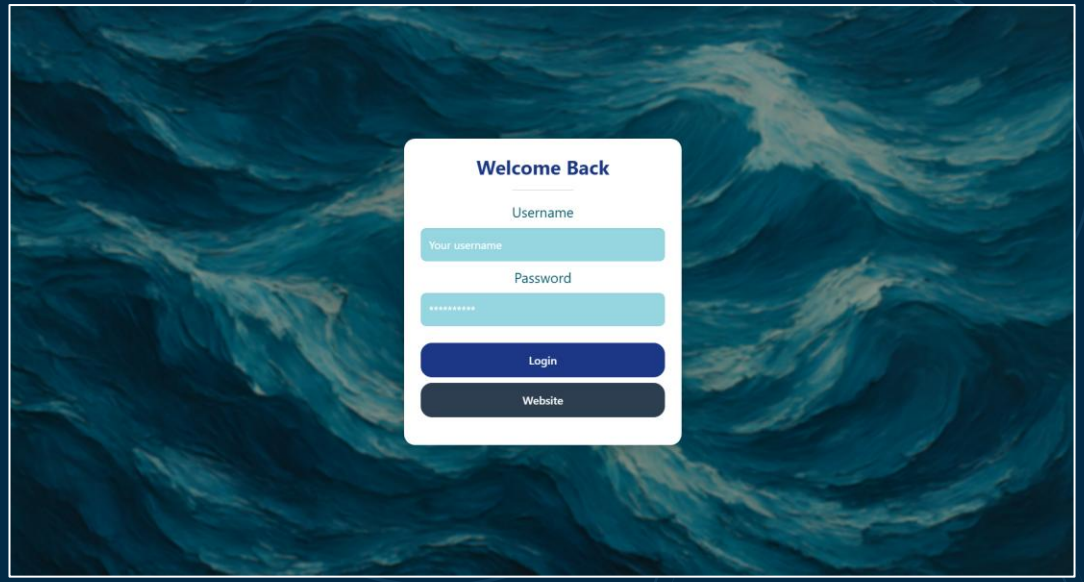


Projects Section



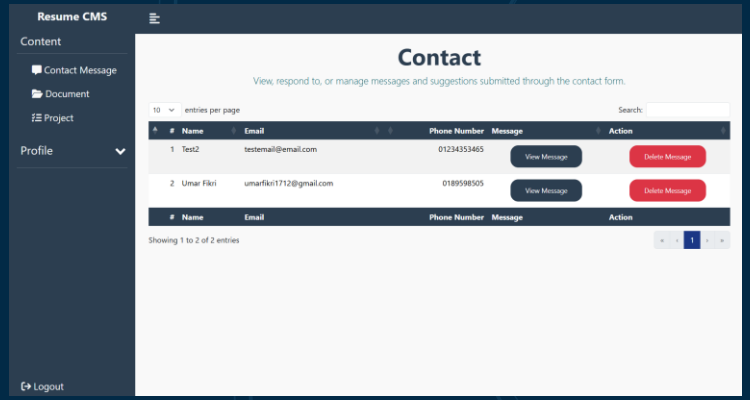
Project Modal

Resume Website (CMS)

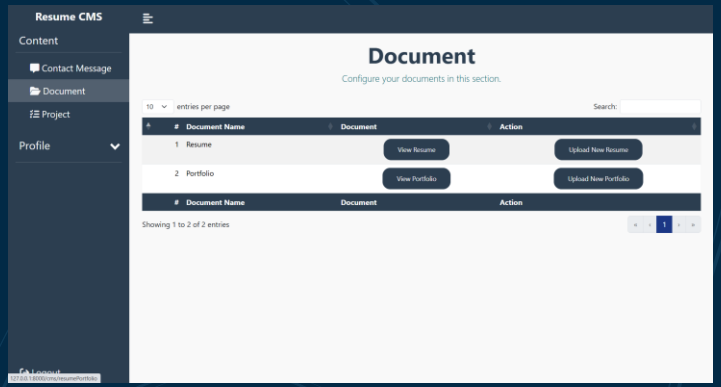


Login CMS Page

Resume Website (CMS)

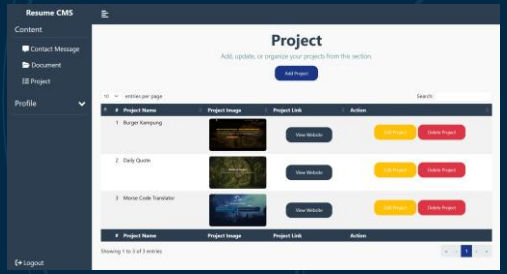


Contact Page

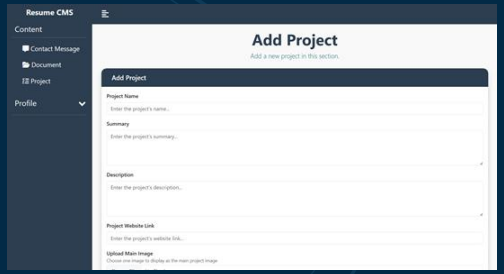


Document Page

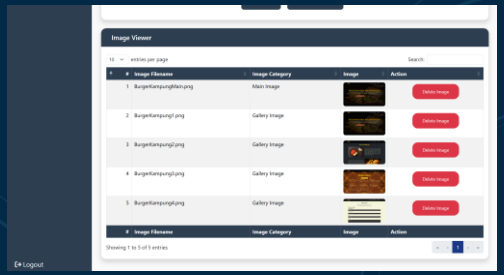
Resume Website (CMS)



Project Page

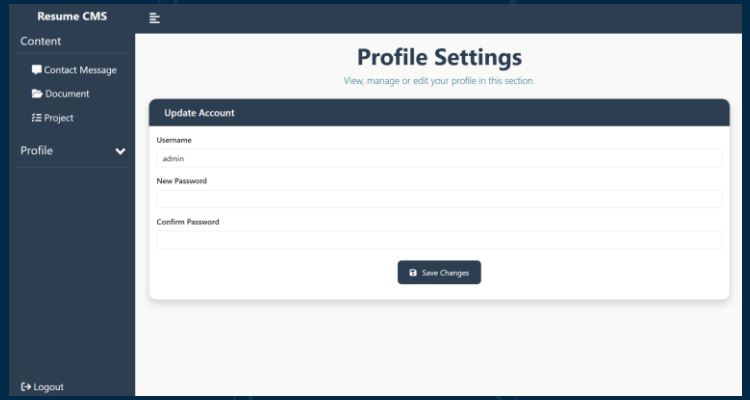


Add Project Page

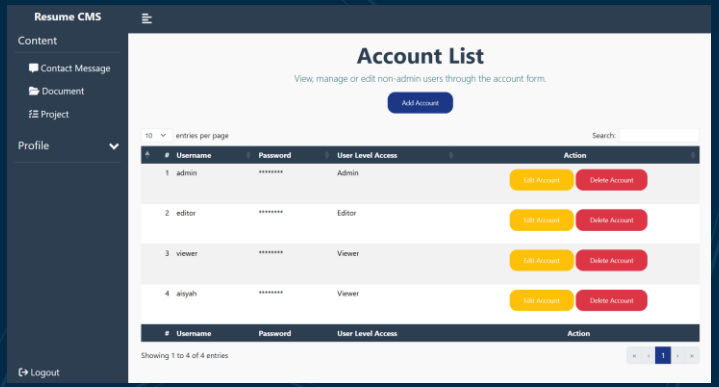


Edit Project Page
Image Viewer

Resume Website (CMS)



Profile Settings Page



Account List Page

<Portfolio 2025>

</Learning Project//>

umarfikri1712@gmail.com

Learning Project

These projects were created as part of my learning journey to enhance my web development skills. Through hands-on practice, I applied concepts in front-end and back-end development, focusing on responsive design, JavaScript functionality, and modern UI/UX principles. Each project challenged me to solve real-world problems, optimize performance, and improve my coding workflow. I continuously refine my work, integrating best practices and exploring new technologies to grow as a developer

UI Design Practice with Bootsrap 5

Skills Gained:

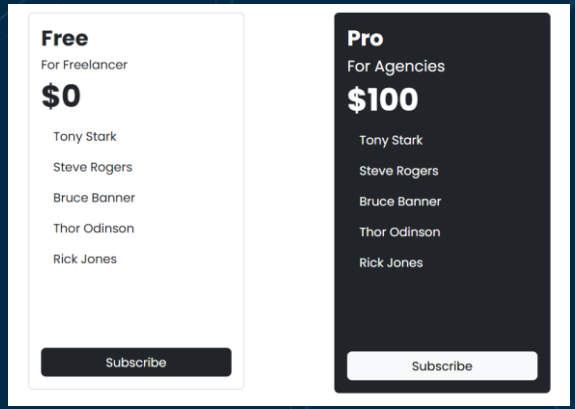
- Developed modern, responsive websites using Bootstrap 5
- Practiced UI/UX design through mini-projects
- Customized Bootstrap with Sass and NPM for better styling and performance

Project:

- Mini Project - (Pricing Cards, Ratings Component, User List)
- Ebook Website - Website that offers a free eBook about starting a blog
- Corso Website - Website that offers training courses and seminars
- Portfolio Website - Modern looking portfolio for developers
- Yavin Website - A business that creates custom office spaces
- Vera Website - Software solutions website

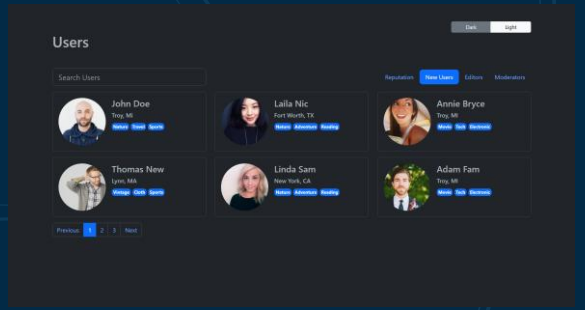
UI Design Practice with Bootsrap 5

Mini Project



Pricing Cards

Ratings Component



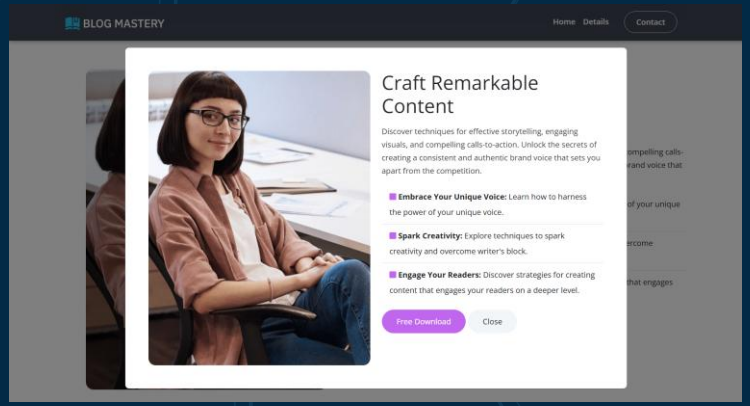
User List

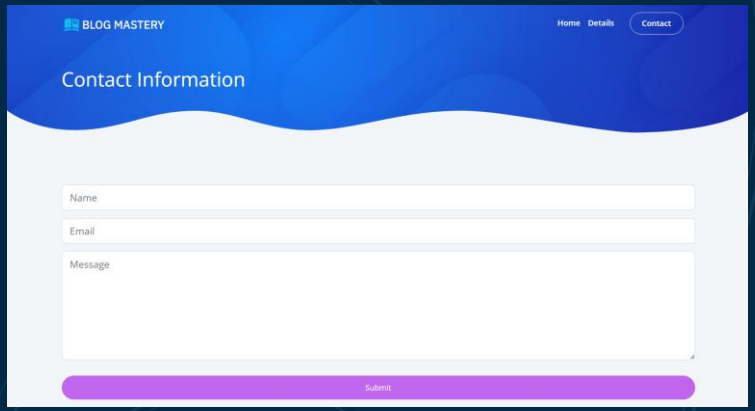
UI Design Practice with Bootsrap 5

Ebook Website

UI Design Practice with Bootsrap 5

Ebook Website



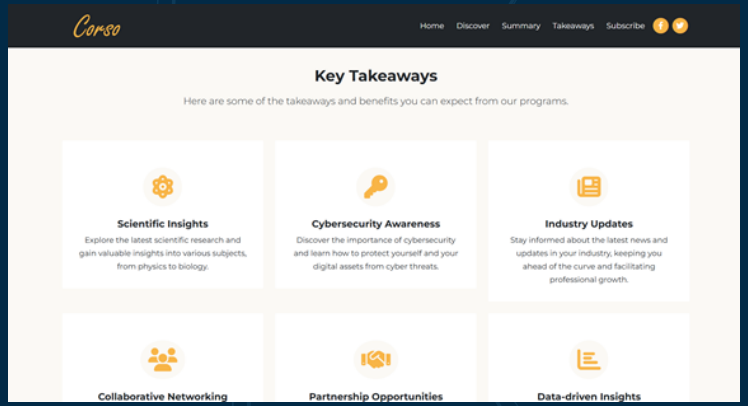


UI Design Practice with Bootsrap 5

Corso Website

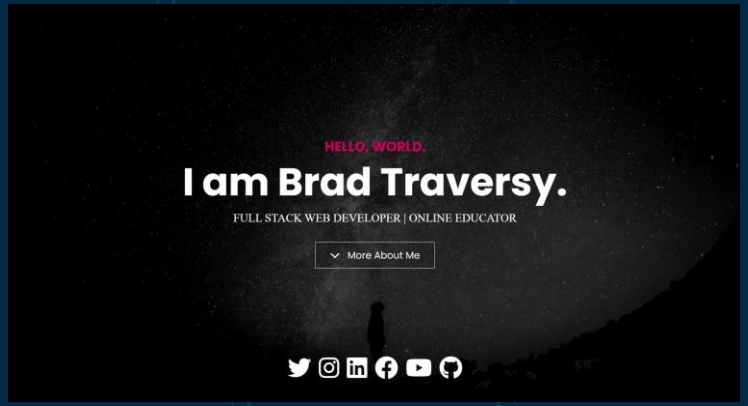
UI Design Practice with Bootsrap 5

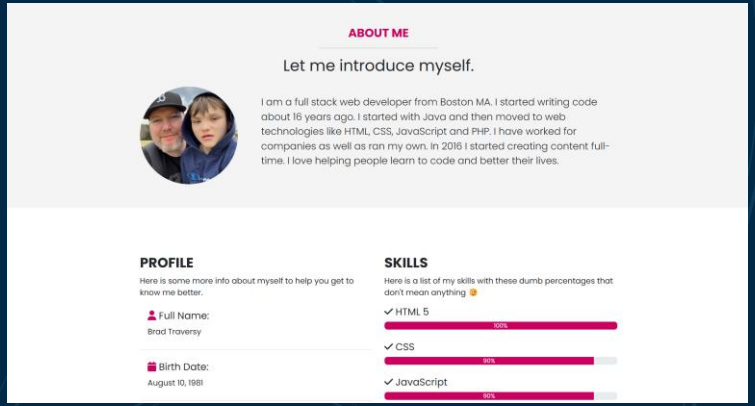
Corso Website



UI Design Practice with Bootsrap 5

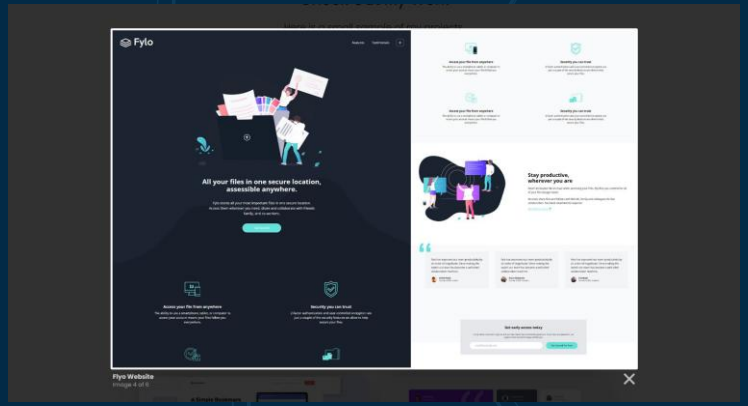
Portfolio Website





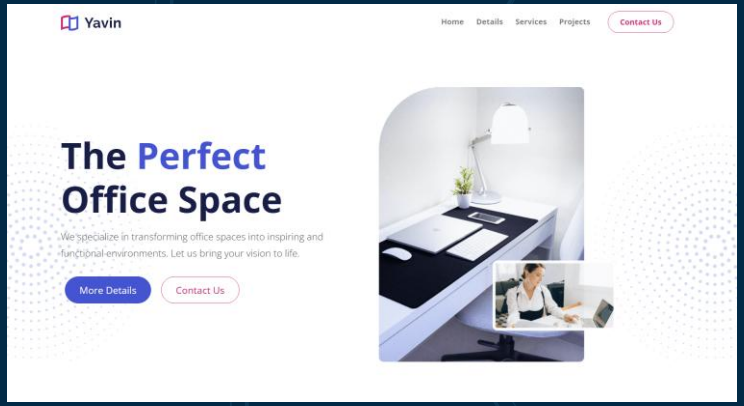
UI Design Practice with Bootsrap 5

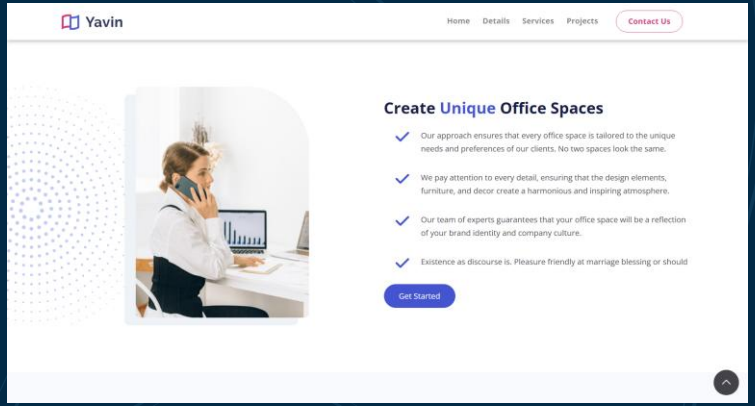
Portfolio Website



UI Design Practice with Bootsrap 5

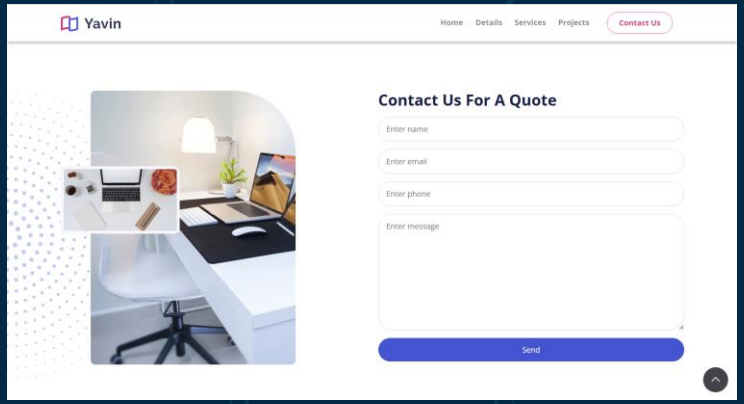
Yavin Website

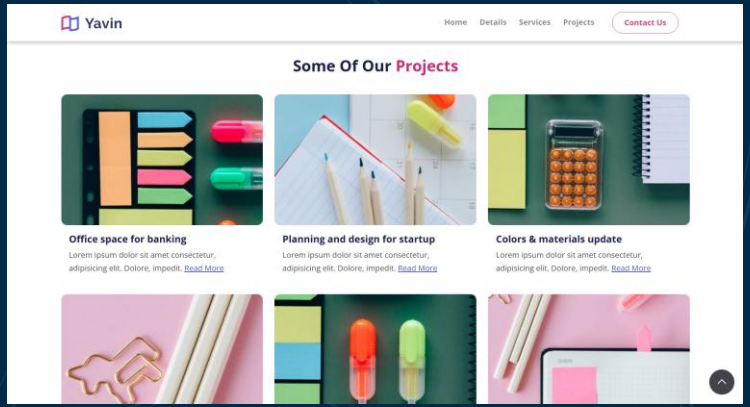




UI Design Practice with Bootsrap 5

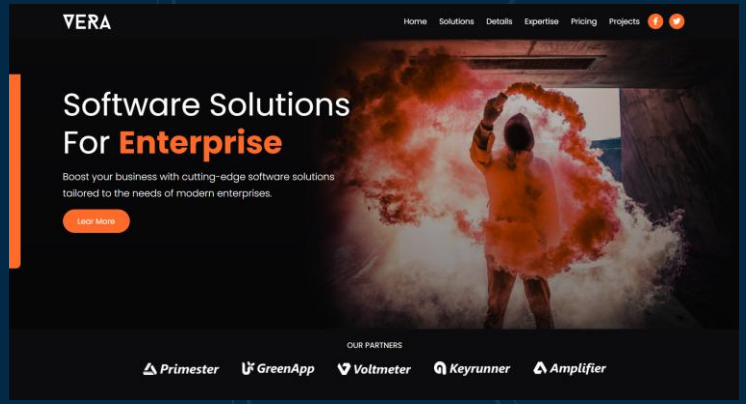
Yavin Website

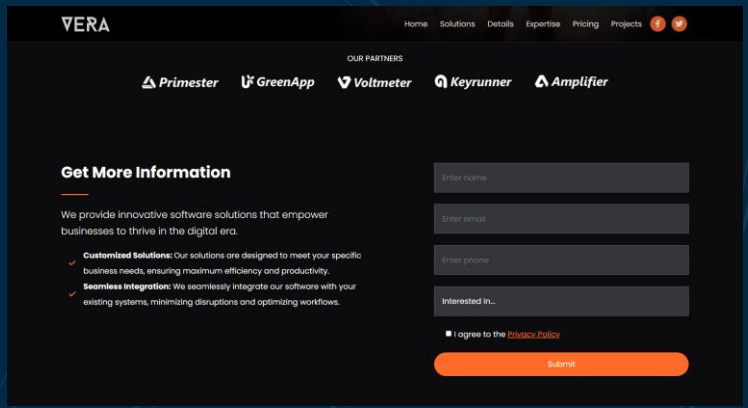




UI Design Practice with Bootsrap 5

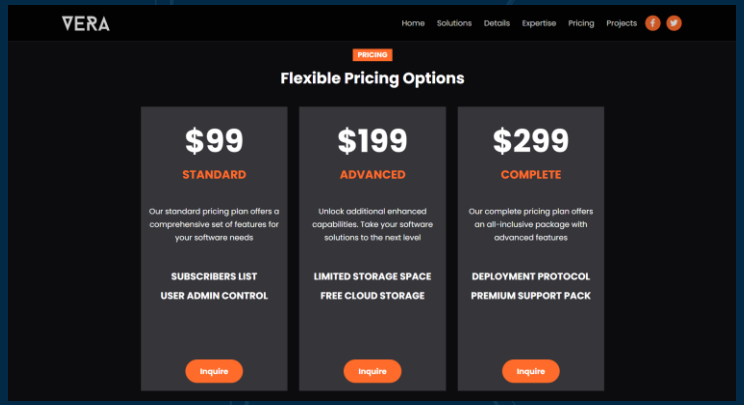
Vera Website

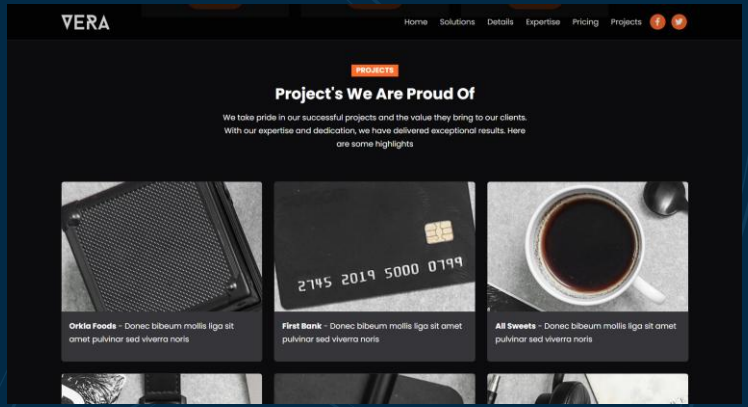




UI Design Practice with Bootsrap 5

Vera Website





</// JavaScript Practice Development //>

Skills Gained:

- Mastered core JavaScript concepts, including object-oriented programming (OOP) and asynchronous JavaScript
- Applied modern ES6+ features in real-world projectsWorked with development tools like NPM, Parcel, and Babel
- Improved problem-solving skills through interactive coding challenges

Projects:

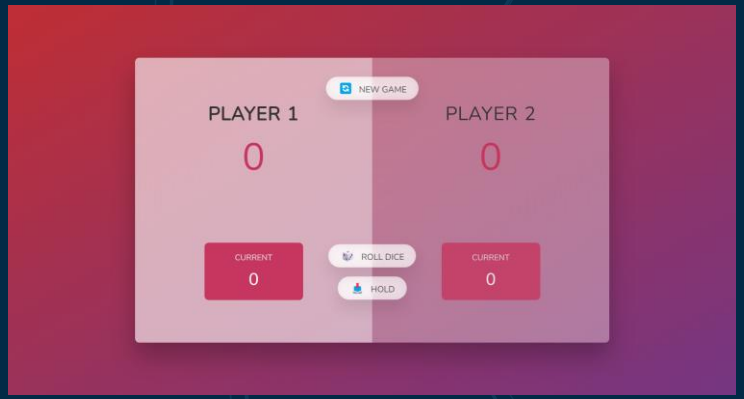
- Guess My Number - A number-guessing game that reinforces DOM manipulation and event handling
- Pig Game - A dice-based game implementing game logic, state management, and player interactions

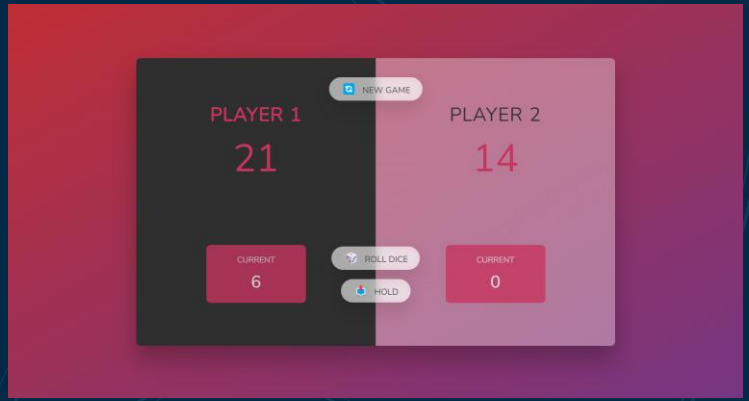
JavaScript Practice Development

Guess My Number

JavaScript Practice Development

Pig Game





"Thank you for visiting my portfolio! If you'd like to collaborate or have any questions, feel free to reach out. Let's connect!"

Email: umarfikri1712@gmail.com
Website: https://auriweb.me/
LinkedIn: www.linkedin.com/in/ahmad-umar-fikri

umarfikri1712@gmail.com