



Samuel's Portfolio

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Mavie Cinema

My role. Full Stack Developer

Project description.

Developed a cinema website equipped with subscription and payment gateway features, running on FrankenPHP. A web application built with the Laravel Framework.

Key Contributions:

- Upgraded system from Laravel 9 to Laravel 12 for modernization.
- Fully containerized application using Docker for scalable deployment portability.
- Improved system performance with Laravel Octane and FrankenPHP integration
- Developed subscription feature to enable recurring billing and user plan management.
- Developed integrated payment gateway supporting secure and reliable transactions.

Repository:

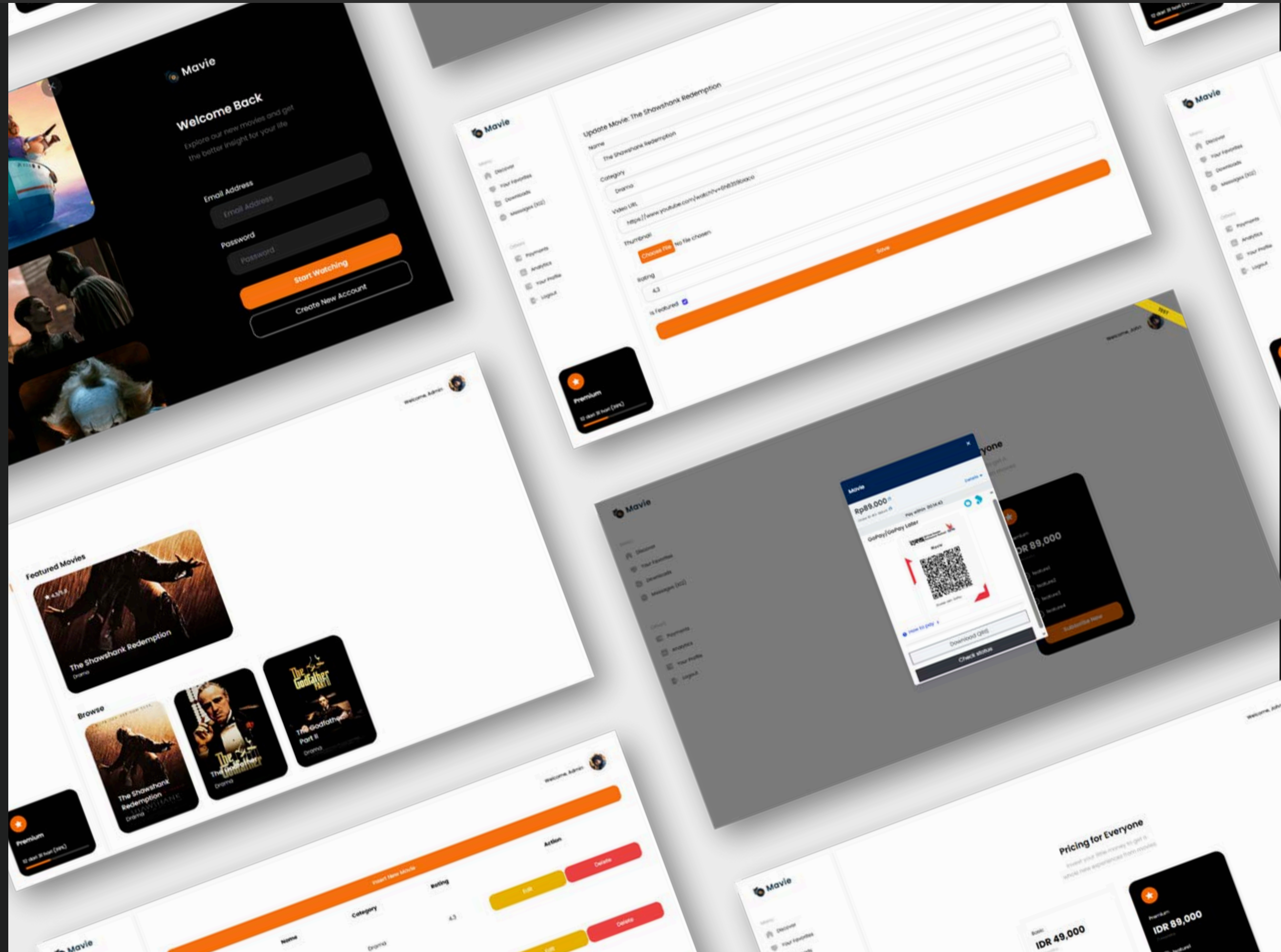
<https://github.com/samuelsihotang1/Mavie-Cinema>

Skills and deliverables

Laravel PHP Javascript React Vite

Docker Laravel Octane FrankenPHP HTML

CSS MySQL API ORM



Transaction w Auth

My role. Full Stack Developer

Project description.

Developed a Transaction w Auth website with the backend built using .NET Core (C#) and the frontend using React + Vite + TailwindCSS. The system is designed to manage products, orders, and user authentication.

Key Contributions:

- Developed ASP.NET Core backend API with modular architecture (Controllers, Models, DTOs, DAOs, Interfaces) to ensure maintainability and scalability.
- Integrated authentication & authorization middleware to secure API endpoints.
- Implemented Entity Framework Core with Migrations for database schema management and persistence.
- Built React + Vite frontend integrated with Tailwind CSS, delivering a responsive and modern UI/UX.
- Configured CI/CD deployment pipelines (Vercel for frontend, .NET build pipeline for backend).

Link: <https://netcore-app-samz.vercel.app>
<https://github.com/samuelsihotang1/transaction-w-auth>

Skills and deliverables

React

ASP.NET Core

Javascript

Vite

SQL Server

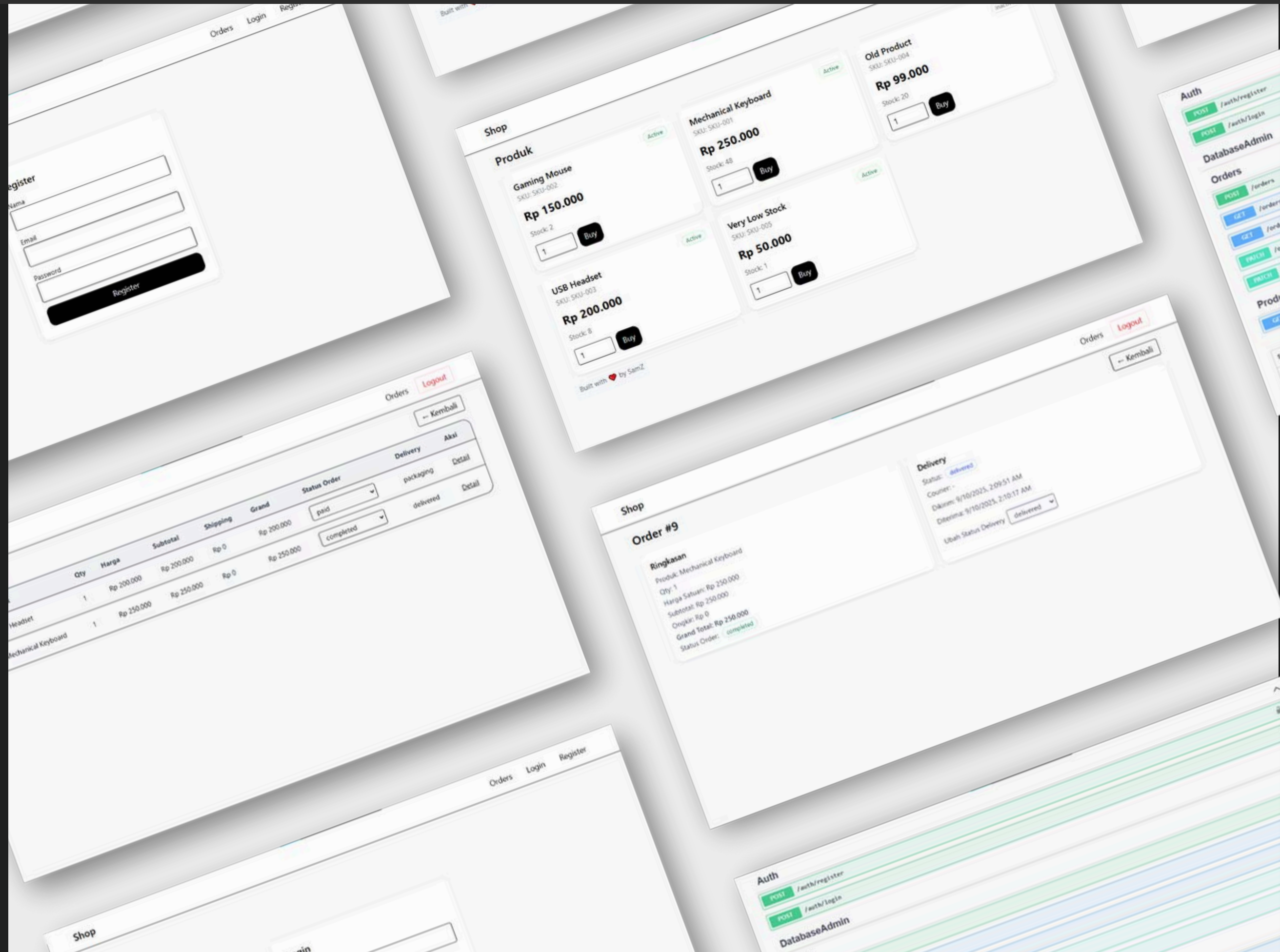
C#

JWT Authentication

TailwindCSS

HTML

API



Bebras Help Desk Application

My role. Full Stack Developer

Project description.

Developed a website-based forum that assists educators in discussing various topics, sharing knowledge, and engaging in mutual question-and-answer sessions.

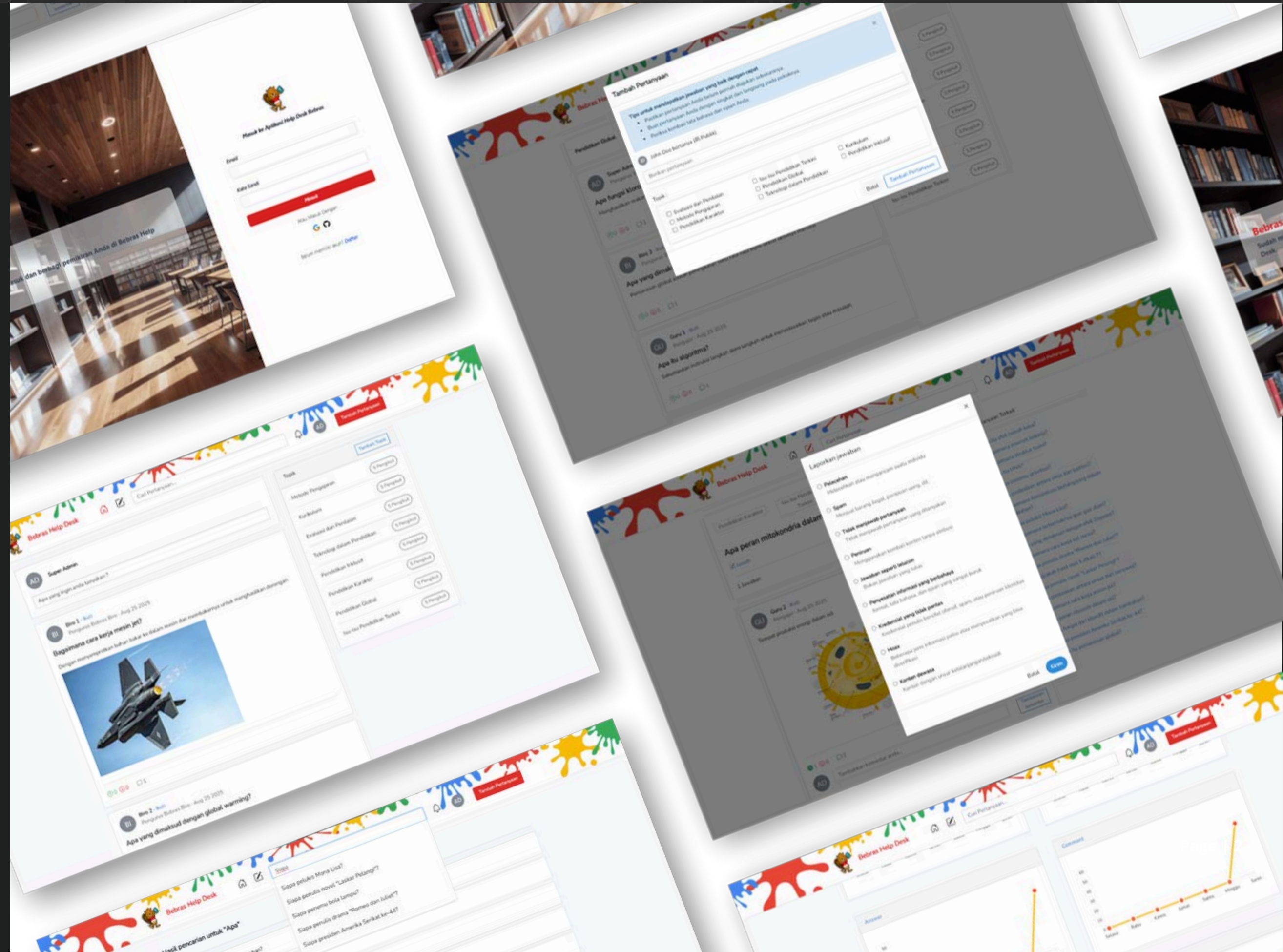
Key Contributions:

- Implemented CRUD functionality for questions, answers, and comments to support dynamic user interactions.
- Developed follow/unfollow users and topic associations for personalized engagement.
- Developed upvote/downvote system, reporting mechanism, and question search.
- Built notification and profile management modules with real-time website alerts and email delivery to enhance user experience and personalization.
- Developed admin panel for managing user-generated content across questions, answers, and topics.

Repository: <https://github.com/samuelsihotang1/Bebras-Help-Desk-Application>

Skills and deliverables

Laravel PHP Livewire HTML CSS ORM
Alpine.js Javascript Bootstrap MySQL



My Personal Website

My role. Frontend Developer

Project description.

Developing a custom website showcasing of my skills and projects, built with modern web technologies. The best way to experience it is to visit the live version.

Key Contributions:

- Designed and developed a personal portfolio website showcasing skills, experiences, and projects using HTML5, CSS3, and JavaScript.
- Created a responsive layout ensuring compatibility across devices and screen sizes.

Link: <https://samz.my.id>

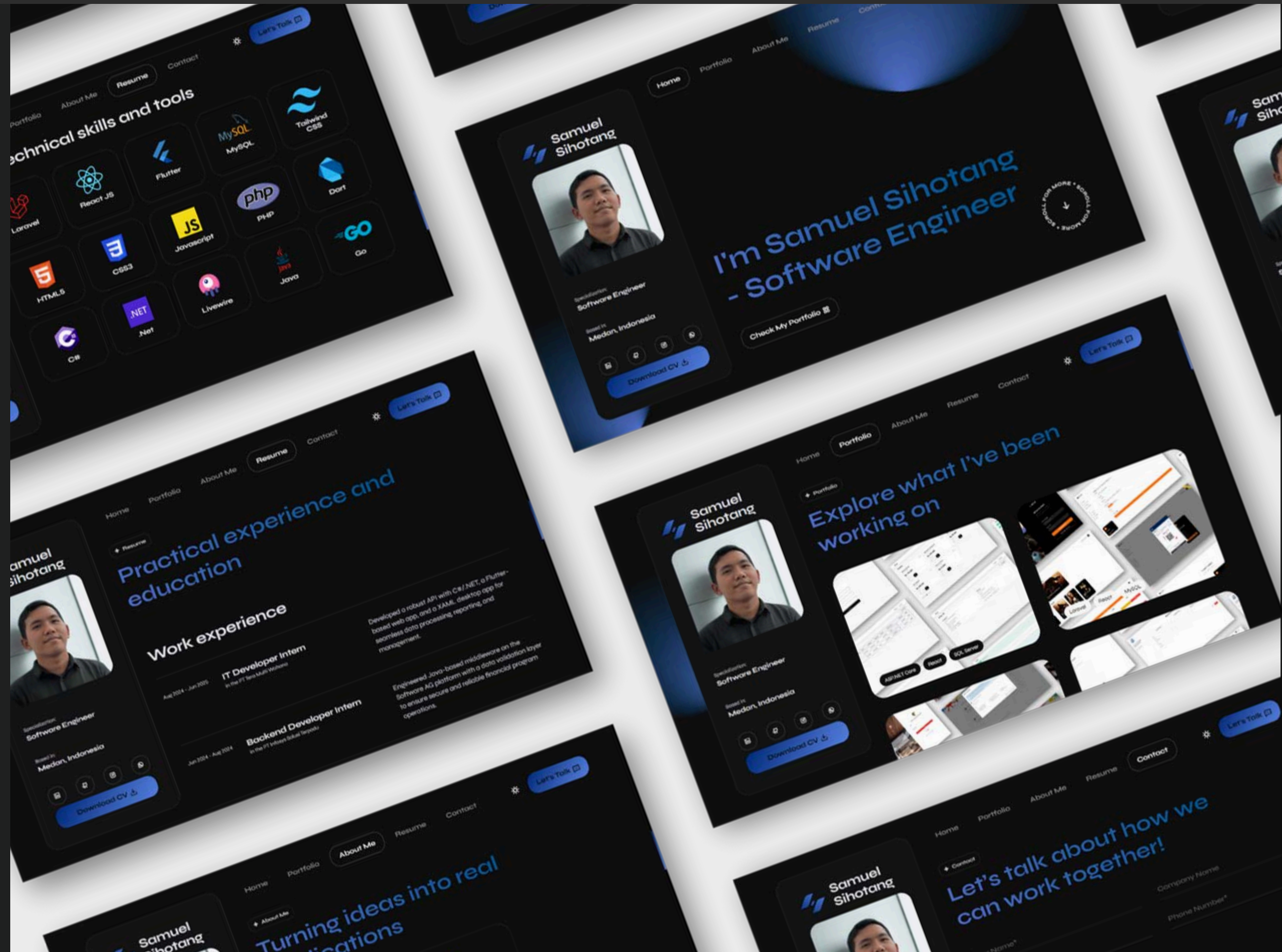
<https://github.com/samuelsihotang1/samuelsihotang1.github.io>

Skills and deliverables

HTML

CSS

Javascript



Laundry Del

My role. Full Stack Developer

Project description.

Developed a website that can help students and laundry staff find out information about all orders and student clothes.

Key Contributions:

- Developed laundry listing feature allowing students to submit and manage their clothing items.
- Built admin panel enabling laundry staff to access all student laundry records.
- Developed a unified login page with toggle-based role switching (student and laundry staff) without page redirection.
- Implemented the entire front-end interface using Tailwind CSS for responsive and modern UI.

Repository:

<https://github.com/samuelsihotang1/Laundry-Del>

Skills and deliverables

Laravel

PHP

Livewire

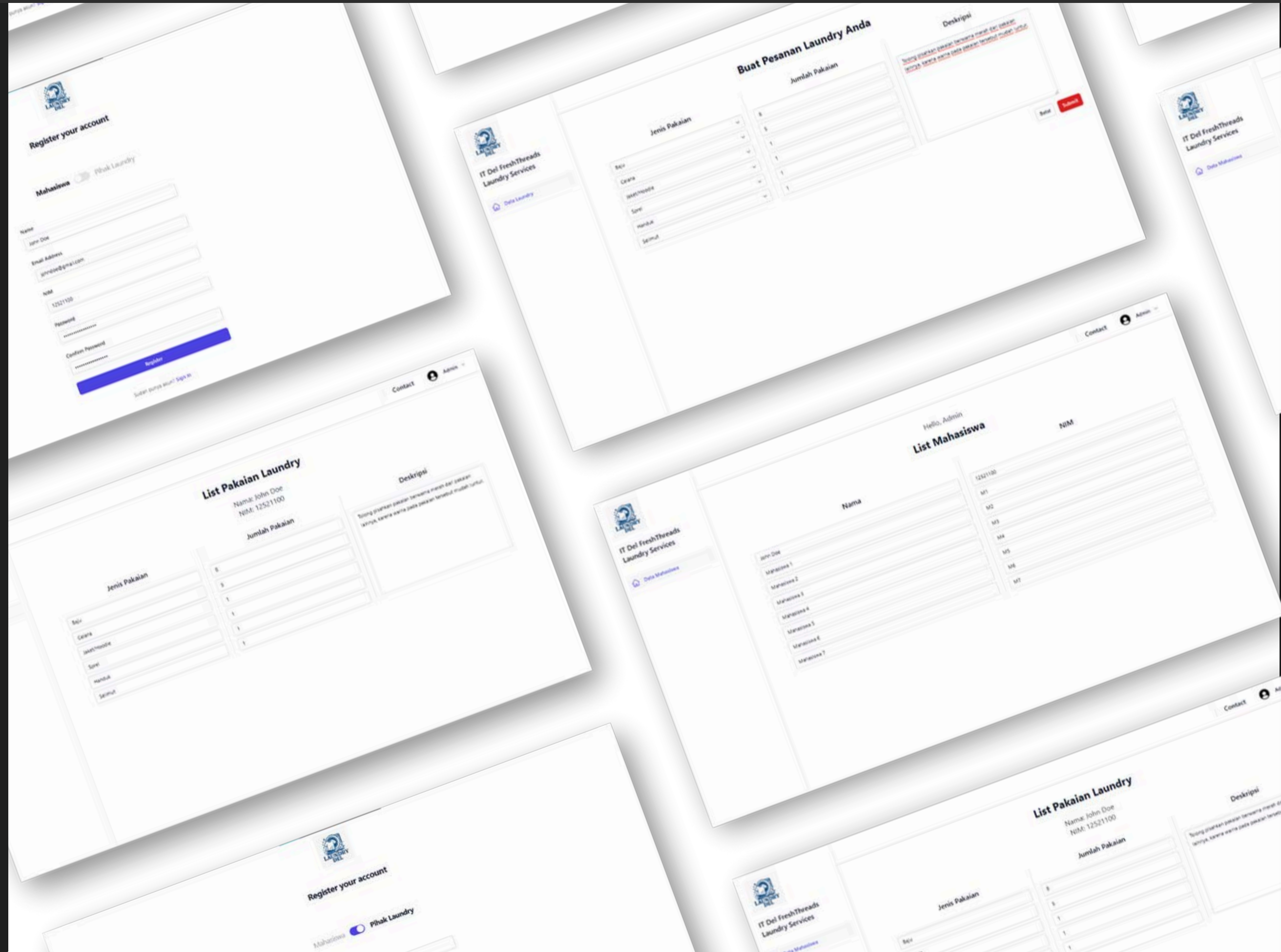
HTML

CSS

Tailwind

MySQL

ORM



Cafeteria

My role. Full Stack Developer

Project description.

Developed a website that can assist cafeteria operators in determining the ratings of the food menus they offer.

Key Contributions:

- Implemented create and delete functionality for food items to allow flexible content management.
- Developed food voting system with create and edit capabilities to enable user-driven ranking.
- Integrated all interaction processes into Livewire components to provide a seamless experience without requiring page refreshes.

Repository:

<https://github.com/samuelsihotang1/Cafeteria>

Skills and deliverables

Laravel

PHP

Livewire

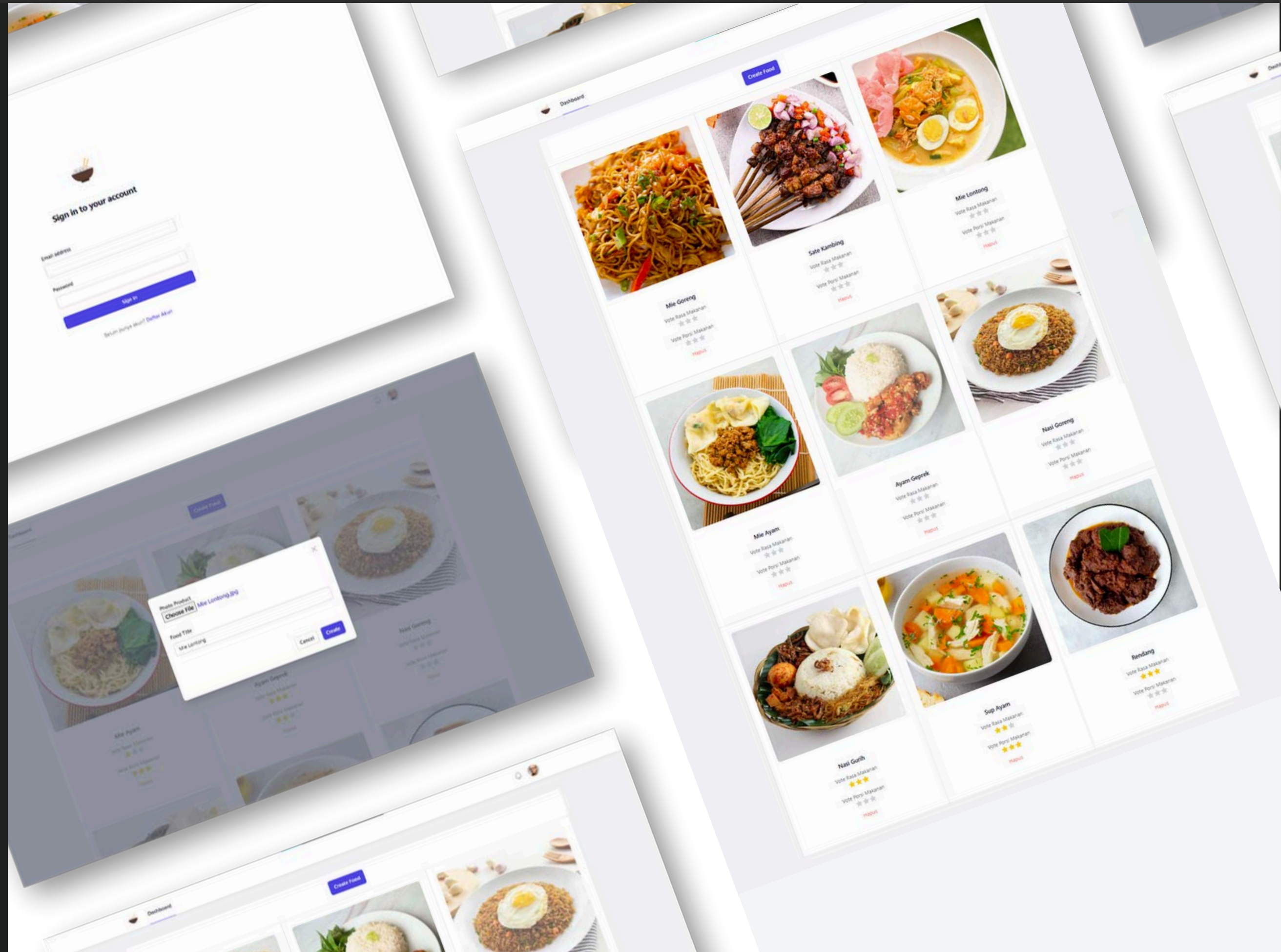
HTML

CSS

Tailwind

MySQL

ORM



Mandiri News App

My role. Mobile App Developer

Project description.

Developed a flutter application fetches news articles from an API and displays them in a user-friendly interface.

Key Contributions:

- Developed main page with dynamic function to display all news content retrieved from the API.
- Implemented detailed news page with conditional logic to display selected news items based on specific criteria.
- Converted raw JSON responses from API into strongly-typed data models, ensuring reliable rendering of news content on the front-end.
- Built clean and responsive UI for news listing and detail views.

Repository:

<https://github.com/samuelsihotang1/MandiriNews-App-by-Samuel-Sihotang>

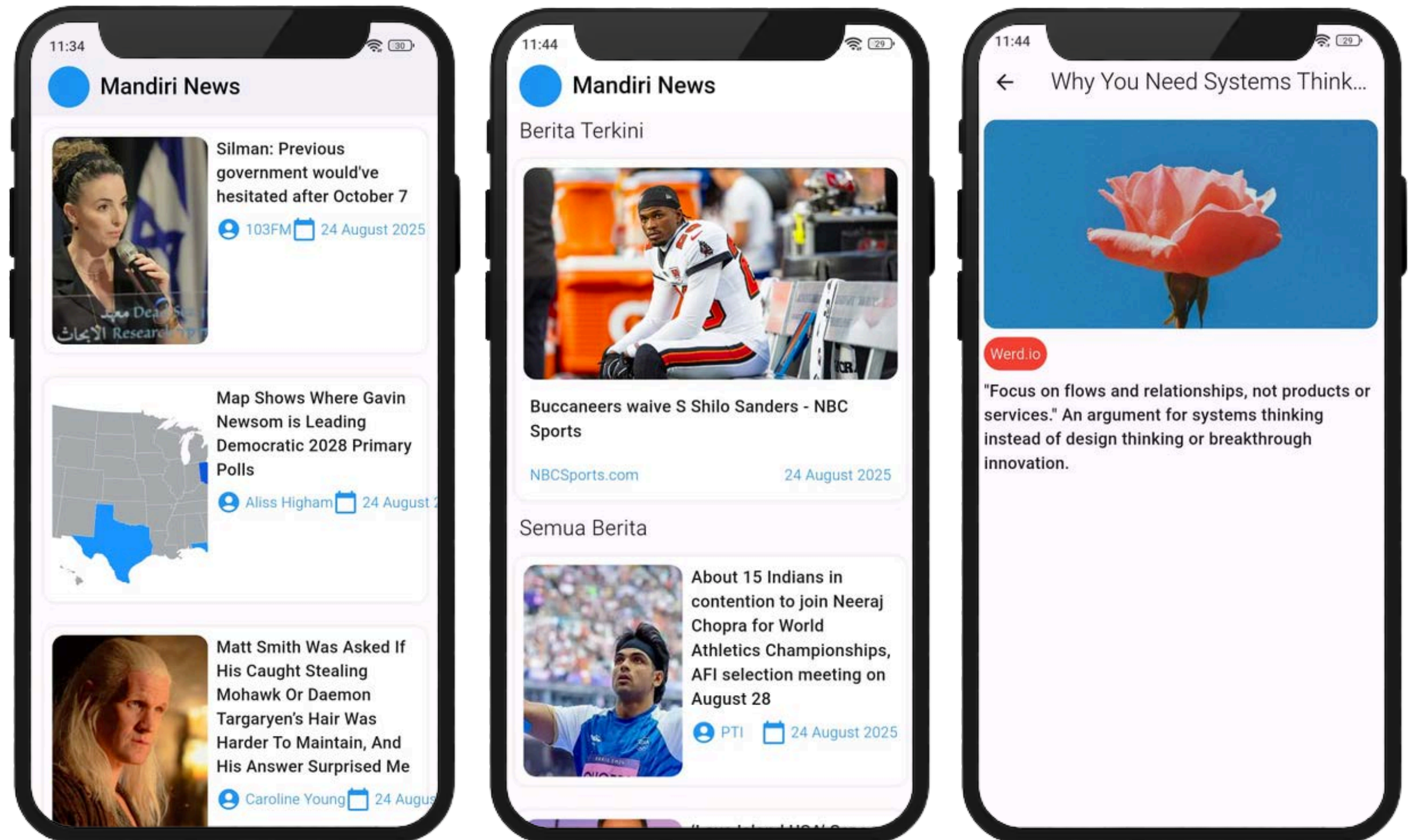
Skills and deliverables

Flutter

Dart

API

JSON



My Contact



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