

Hi! I'm Darrell

a 3rd-year Information Systems student at Institut Teknologi Sepuluh Nopember (ITS), currently pursuing my passion in software development, digital product design, and data-driven solutions. As a Bank Indonesia Scholarship Awardee (GenBI), I'm actively involved in impactful social and environmental initiatives while also honing my skills through hands-on projects in system development, UI/UX, and predictive analytics.

My experience ranges from developing PWA-based platforms like Petsaurus—a B2B solution for pet services—to engaging in community programs that bridge technology with real-world social impact. I enjoy working at the intersection of tech, creativity, and purpose, and I'm always eager to learn, collaborate, and contribute to meaningful digital innovations.



Artwork/Project Title

Shopify: Shopping List App

Artwork/Project Description

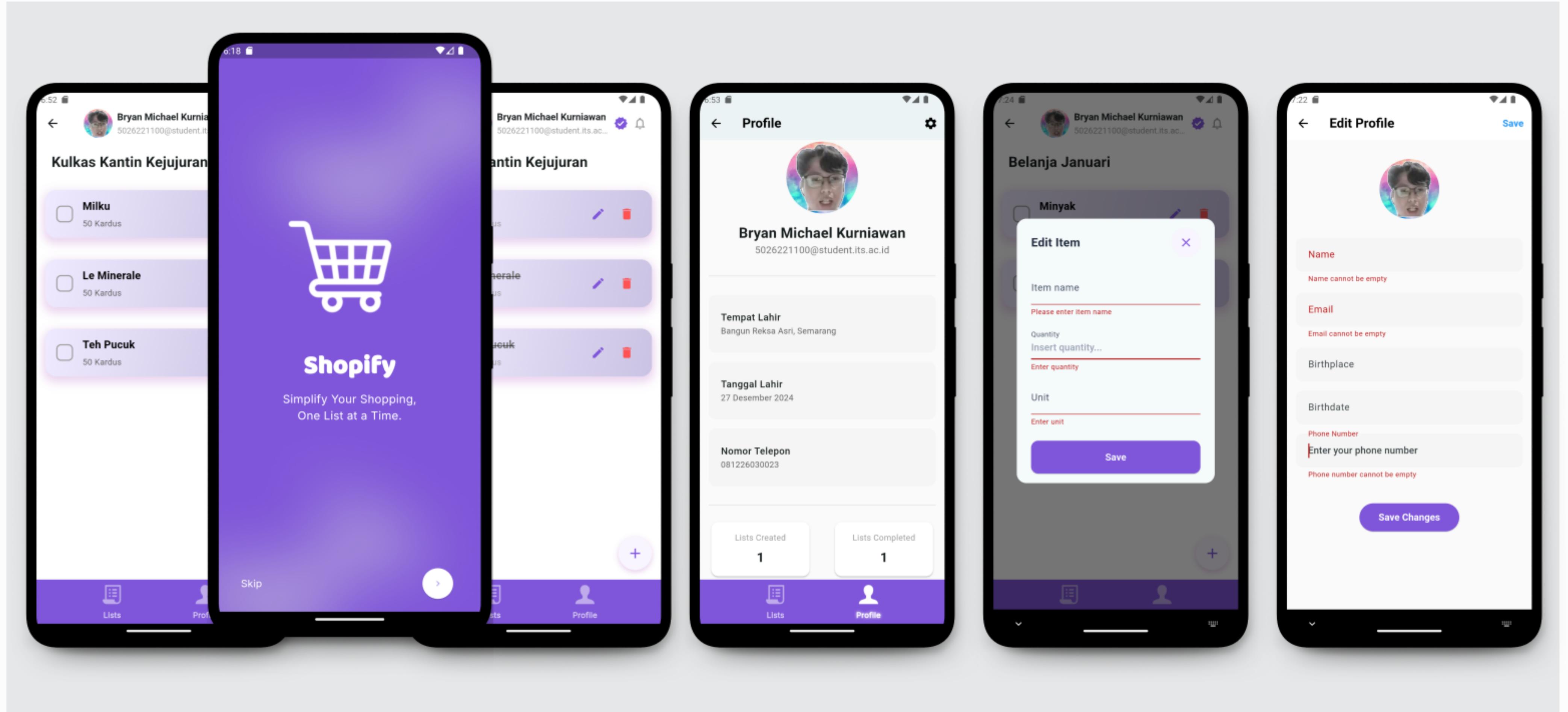
In the "Shopify" project, I created a modern and user-friendly shopping list app using Flutter for the interface and Firebase as the backend solution. The app empowers users to easily create, update, and manage their shopping items—supporting full CRUD operations with real-time data syncing. With features like user login, live updates, and cloud-based storage, the app delivers a seamless experience on any device. Throughout the development process, I focused on blending clean design with functional responsiveness, while also diving deep into Firebase tools like Firestore and Authentication to ensure smooth backend integration.

Year Accomplished

2025

Role/Position

Flutter Developer and UI/UX Developer

Publication LinkContributor (Team):
<https://github.com/jhoniananta/Shopify-Shopping-List-App>**Darrell Valentino****Institut Teknologi Sepuluh Nopember**Undergraduate Information Systems Student
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Artwork/Project Title

PETSAURUS

Artwork/Project Description

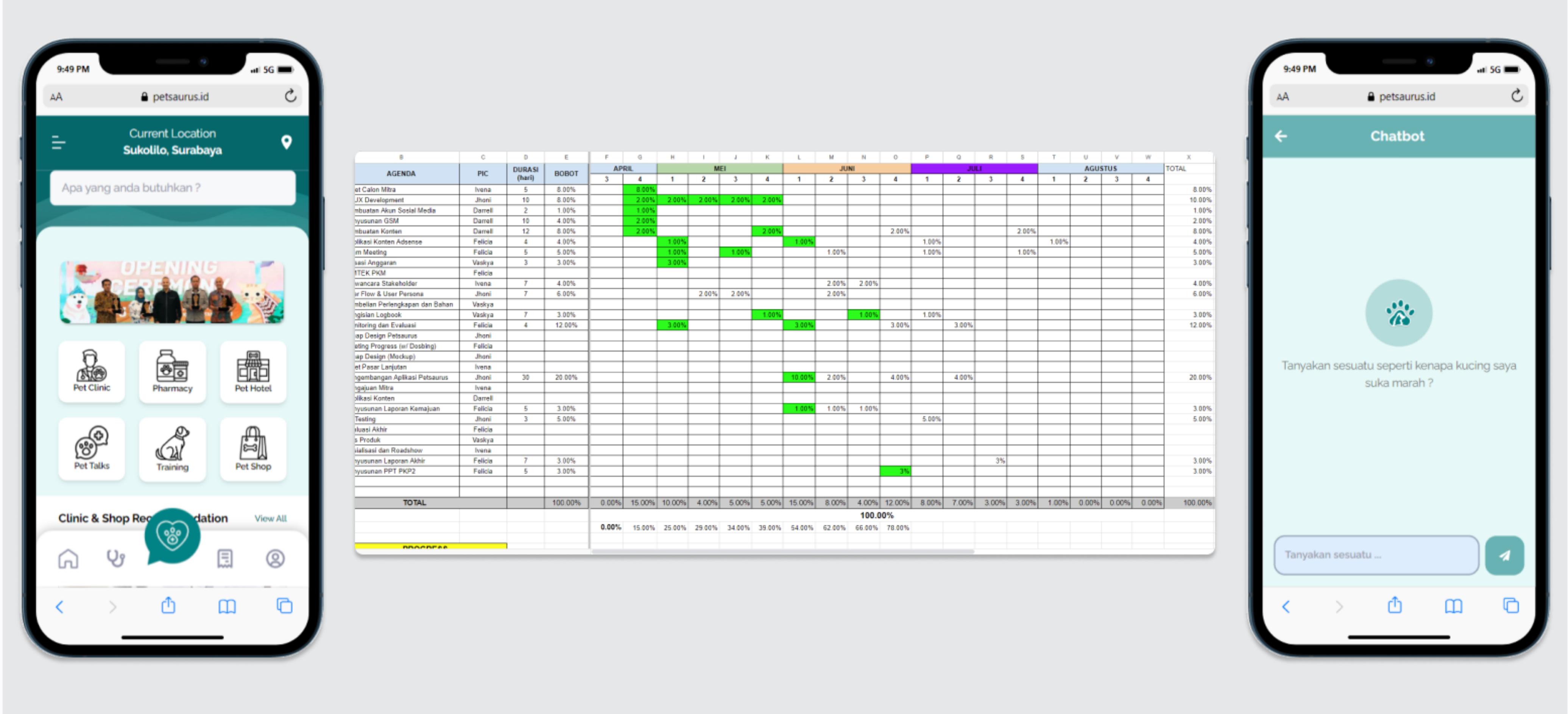
As the CMO of Petsaurus, a Progressive Web App (PWA) developed under the Program Kreativitas Mahasiswa, I was responsible for leading and executing the marketing strategy to promote our platform, which connects pet owners with pet shops, pet clinics, and pet communities. I oversaw branding, digital outreach, and user engagement initiatives to grow our user base and increase awareness of our services. My role involved creating compelling content, managing social media campaigns, conducting market research, and developing partnerships with pet-related businesses. I worked closely with the product and development teams to ensure that our marketing aligned with the app's features and user experience. This experience strengthened my leadership in strategic communication, customer insight, and brand development within a tech-driven startup environment.

Year Accomplished

2024

Role/Position

Chief Marketing Officer

Publication Link<https://petsaurus.id>**Darrell Valentino****Institut Teknologi Sepuluh Nopember**Undergraduate Information Systems Student
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Artwork/Project Title

automaTEEs

Artwork/Project Description

AutomaTEEs is a web-based platform that automates the creation of custom t-shirt designs using AI. The application is developed using Next.js for the frontend, styled with Tailwind CSS, and supported by an Express.js backend to manage server-side processes and API interactions. One of its core features is the integration with the OpenAI DALL-E API, which enables users to generate unique and personalized images based on their text prompts, instantly previewed on t-shirt mockups. This project combines modern web technologies and generative AI to deliver an intuitive and engaging user experience. AutomaTEEs has also been published as a research paper in the Open Access Journal of Information System (OAJIS), a nationally accredited SINTA 5 journal, further validating its contribution in the field of intelligent web applications.

Year Accomplished

2024

Role/Position

Project Manager, Frontend Developer

Publication Link
<https://automatees.vercel.app>
<https://elib.its.ac.id/jurnal/journalsisfo/submit/index.php/sisfo/article/view/267>

The screenshot shows the AutomaTEEs website. The homepage features a hero section with a dark blue t-shirt mockup and a large orange button labeled 'PLACE DESIGN HERE'. Below this is a 'Try Now' button. To the right is a 'Product Examples' section with two t-shirts: one featuring an elephant graphic and another featuring a cyberpunk cityscape graphic. Both are labeled 'Made with automaTEEs'.

The screenshot shows the journal article page from SISFO (Sistem Informasi Sosial dan Komunikasi) titled 'Penerapan Metodologi Agile Scrum dalam Pengembangan Situs Web AutomaTEEs untuk Pembuatan Desain Kaos Berbasis AI'. It includes author details, an abstract, and a circular accreditation seal for 'S5 Accredited'.

The screenshot shows an AI interface where a user has inputted the text 'Cat Meow' and selected 'Medium' for size. A generated t-shirt design featuring a cat's face is displayed below the input fields.

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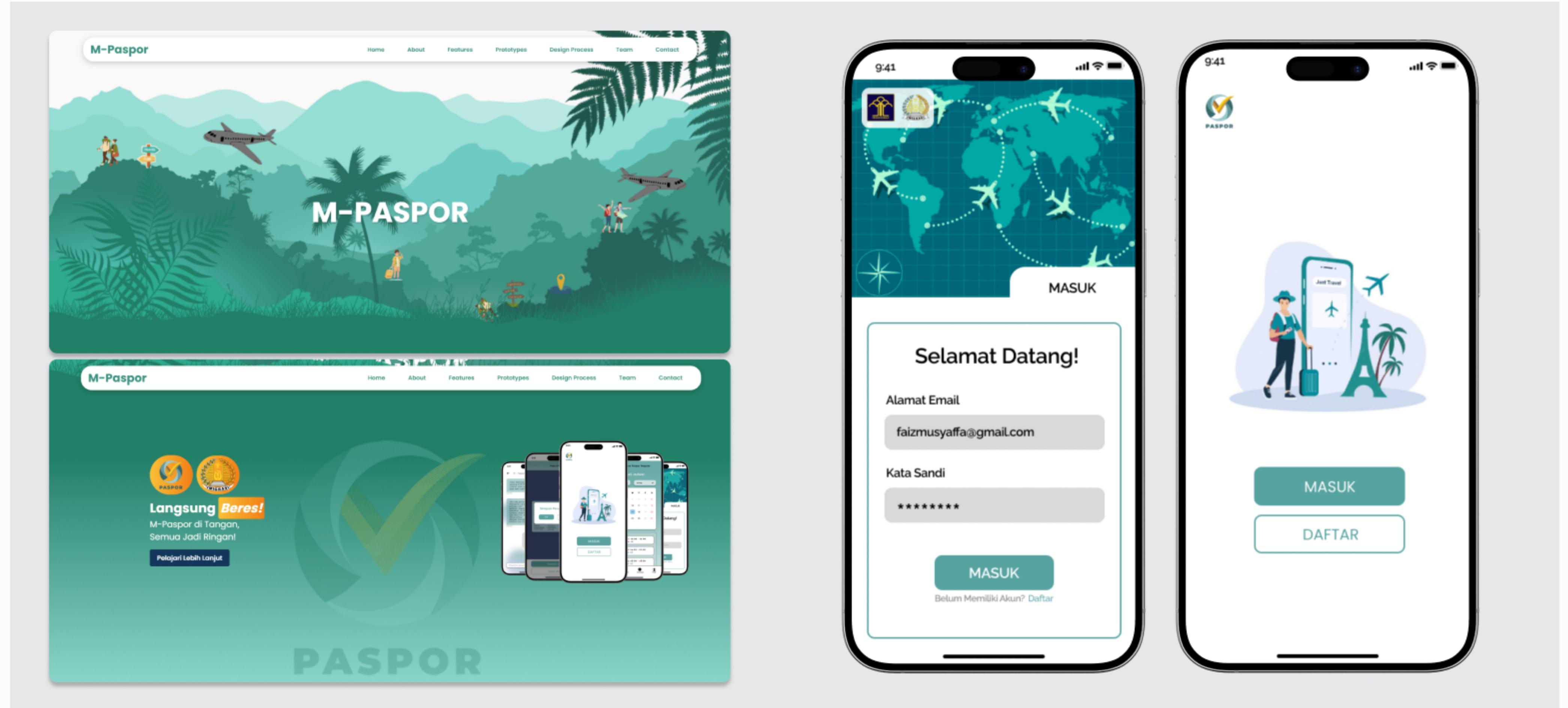
Artwork/Project Title
M-Paspor Landing Page

Artwork/Project Description
I developed a landing page website for m-Paspor, designed to provide clear and engaging information about the digital passport application service. The website features a parallax scroll effect to create a smooth and dynamic user experience, enhancing visual engagement as users navigate through the page. Built with modern frontend technologies, the site focuses on responsive design, clean layout, and user-friendly content structure to effectively communicate the service's features and benefits. This project allowed me to explore creative UI techniques while maintaining performance and accessibility across different devices.

Year Accomplished
2024

Role/Position
Frontend Developer

Publication Link
<https://m-paspor.vercel.app>



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Artwork/Project Title

ADMIN DASHBOARD

Artwork/Project Description

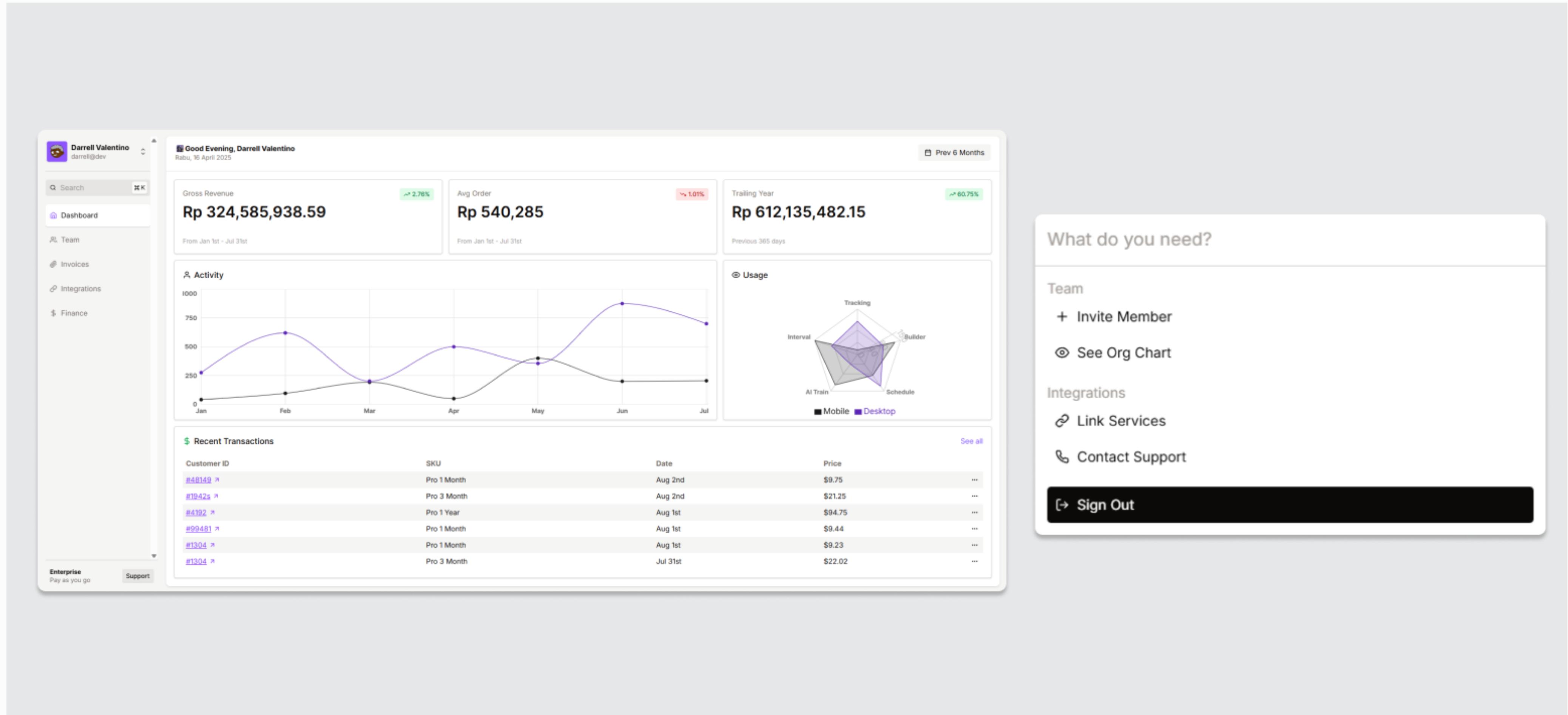
I developed a responsive web-based dashboard application using Next.js and Tailwind CSS, designed to visualize business performance data in a clear and interactive way. The dashboard displays key metrics such as gross revenue, average order value, and user activity trends through dynamic charts powered by libraries like Recharts. I implemented features such as recent transaction tables, usage comparisons between mobile and desktop platforms, and an intuitive layout to ensure a seamless user experience. This project strengthened my skills in modern frontend development, component-based architecture, and building data-driven interfaces that are both functional and visually appealing.

Year Accomplished

2025

Role/Position

Developer

Publication Link
<https://darrell-dashboard.vercel.app>
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Artwork/Project Title

TOOLBENG

Artwork/Project Description

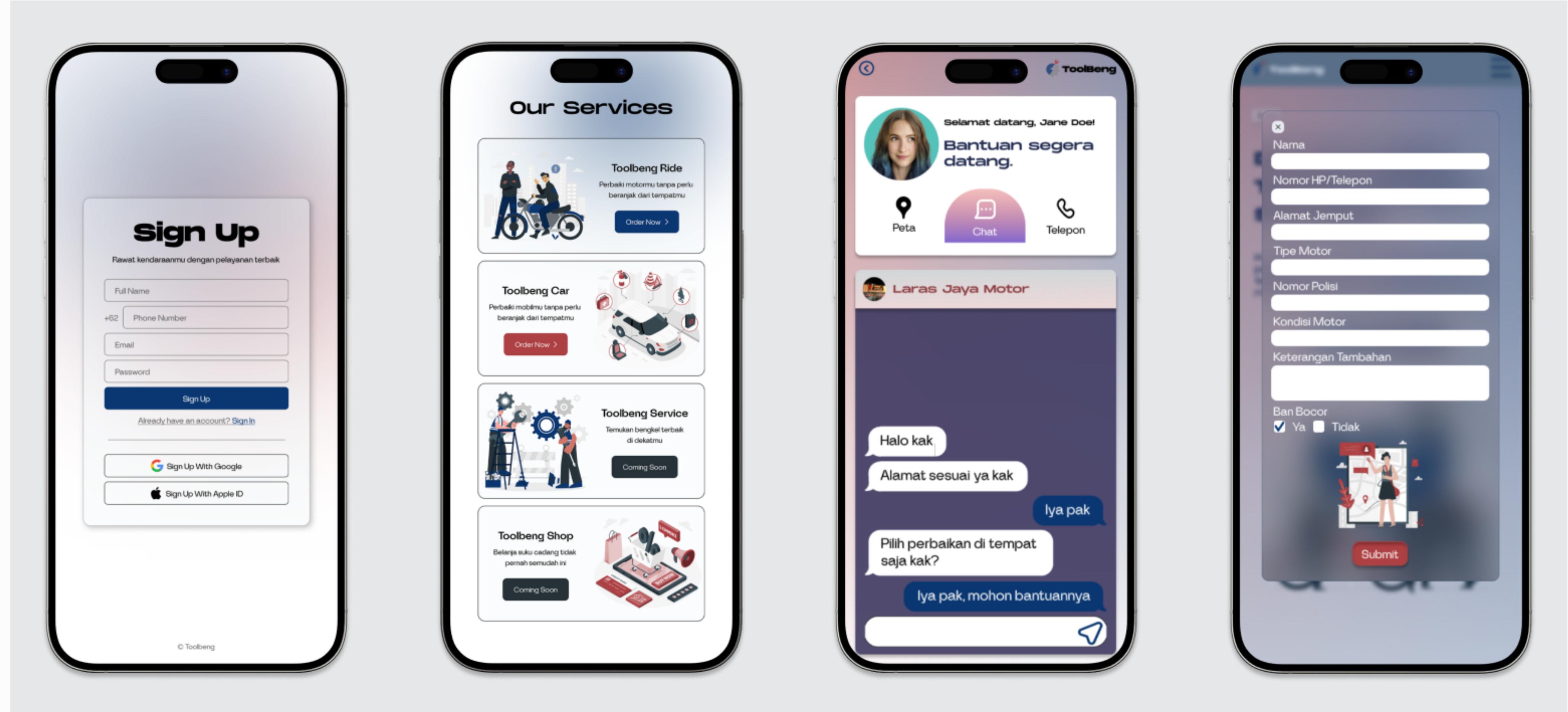
As a Frontend Developer at Toolbeng, I am responsible for designing and developing user-friendly, responsive web applications that connect users with fast and reliable roadside assistance. Toolbeng is a digital platform built to help drivers during unexpected vehicle issues, providing real-time support whenever and wherever it's needed. In addition to building the core user interface, I also contributed to developing a real-time chatroom feature that allows users to directly communicate with partnered repair shops. This feature enhances the user experience by enabling clear, immediate interaction between users and mechanics, ensuring faster service and better coordination.

Year Accomplished

2023

Role/Position

Frontend Developer

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Artwork/Project Title

Personal Portfolio Website

Artwork/Project Description

I created a personal portfolio website using React.js and styled it with Tailwind CSS to showcase my projects, skills, and experiences as a developer. The site features a clean and responsive design, smooth navigation, and dynamic components that highlight both frontend and backend works. With an emphasis on simplicity and usability, the portfolio includes sections such as an about me, tech stack, featured projects, and contact information. This project helped me strengthen my skills in component-based development and responsive UI design while building a professional online presence.

Year Accomplished

2024

Role/Position

Frontend Developer

Publication Link
[https://
darrellvln.vercel.app](https://darrellvln.vercel.app)

Home Page Screenshot:

Darrell Valentino

Home About Me Portfolio Certifications Ideas Contact

Hello World !, I'm
Darrell Valentino
Information Systems @ ITS Surabaya

I'm a junior Web Developer and Software Engineer that is willing to learn more.

Contact Me

About Me Page Screenshot:

Darrell Valentino

Home About Me Portfolio Certifications Ideas Contact

ABOUT ME

I'm 21 Years Old, pursuing Bachelor and Career.

I'm willing to work hard and enhance my skill in web development.

Contact Page Screenshot:

Darrell Valentino

Home About Me Portfolio Certifications Ideas Contact

Contact Darrell

Last but not least, don't hesitate to reach me out.

Name

Email

Message

Send

Footer Screenshot:

Darrell Valentino

Home About Me Portfolio Certifications Ideas Contact

Kos Darrell Blok B33

Contact Me
darrell.valentino14@gmail.com
Marina Emas Barat Blok B33
Surabaya

Future Projects

- Maba Starterpack
- Gadget
- OOTD

Links

- Home
- About Me
- Portfolio
- Clients
- Blog
- Contact

YouTube Instagram Twitter LinkedIn

Darrell Valentino 2024

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Artwork/Project Title

Movie Watchlist Website

Artwork/Project Description

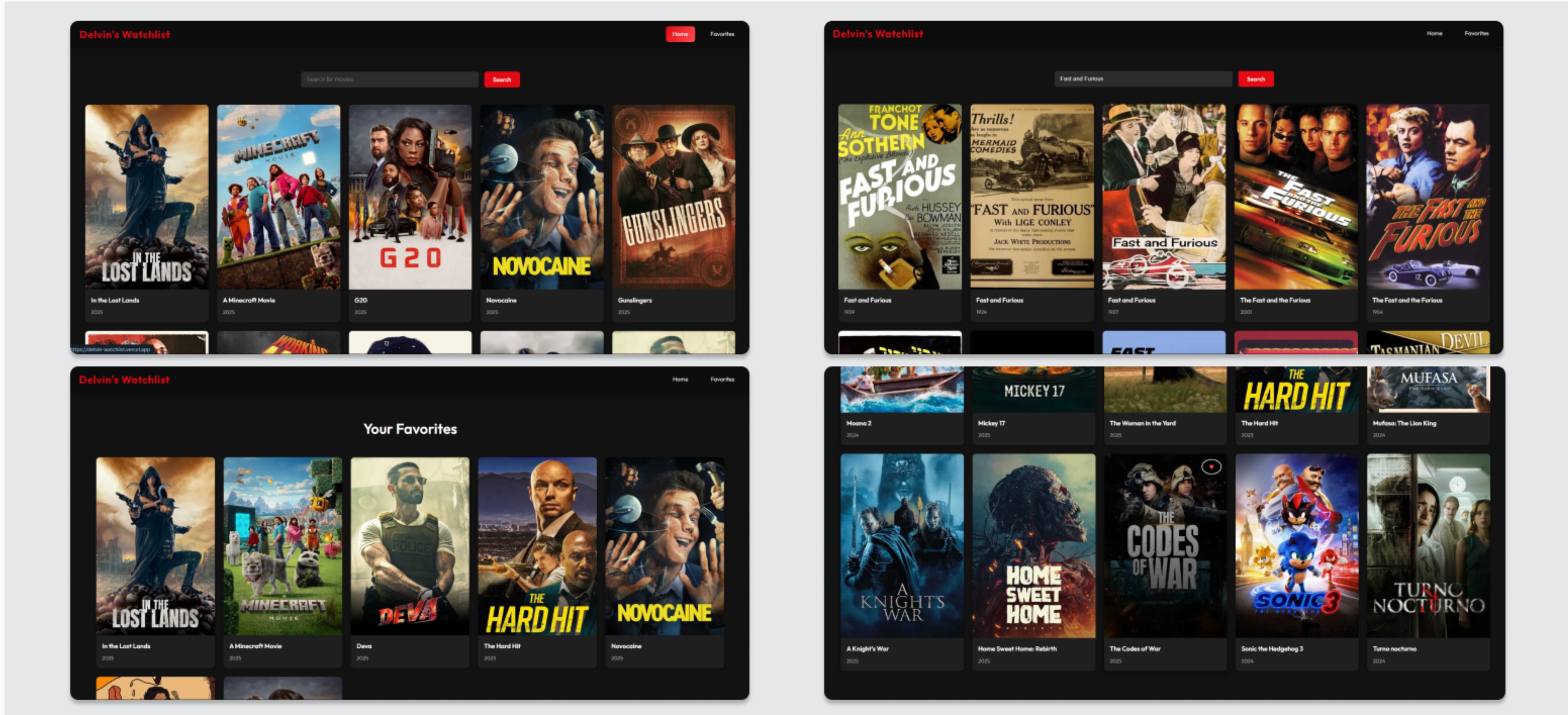
I developed a movie watchlist website using React.js, integrating the TMDB (The Movie Database) API to fetch real-time movie data, including trending films, top-rated movies worldwide, and detailed film information. The platform includes key features such as search functionality, a personalized favorites system, and a curated top global watchlist, allowing users to explore, search, and save movies they're interested in. With a clean and responsive UI, the site provides an engaging and user-friendly experience for movie enthusiasts. This project deepened my understanding of API integration, state management, and building interactive web applications using modern React practices.

Year Accomplished

2025

Role/Position

Frontend Developer

Publication Link
<https://delvin-watchlist.vercel.app>
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Artwork/Project Title

Shopify: Shopping List App

Artwork/Project Description

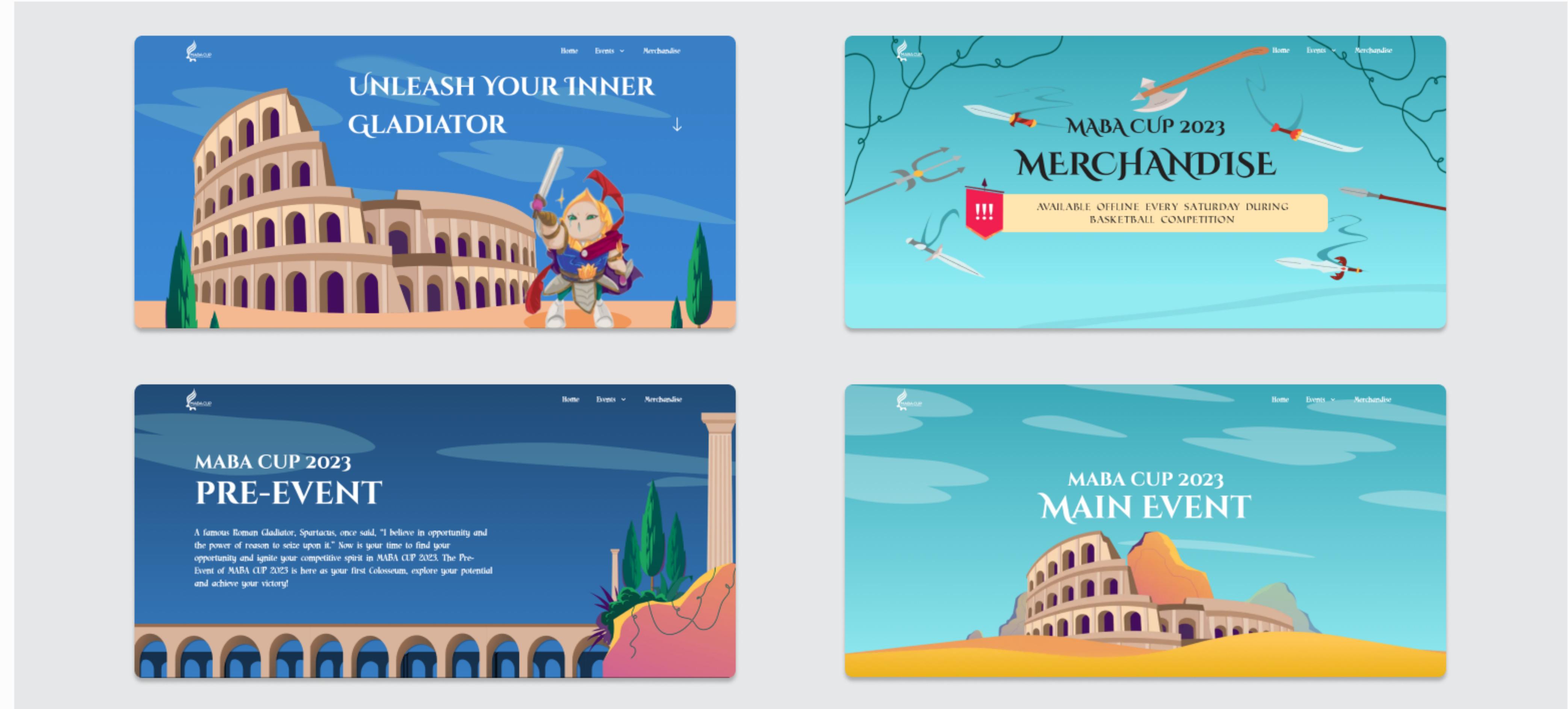
I helped developed the official website for MABA CUP 2023, an annual freshmen competition themed "Conquer the Colosseum", using Next.js for the frontend, Express.js for the backend, and Tailwind CSS for responsive and dynamic styling. The platform serves as a digital hub for event details, registration, and real-time updates, reflecting the bold and energetic spirit of the Colosseum Gladiator concept. This project combined aesthetic design with functional performance to enhance user experience for hundreds of new students participating in the event.

Year Accomplished

2025

Role/Position

Frontend Developer

Publication Link<https://mabacup2023-frontend.vercel.app/>**Darrell Valentino****Institut Teknologi Sepuluh Nopember**

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Artwork/Project Title

Shopify: Shopping List App

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In this project, I built a Data Lakehouse architecture to process and analyze data from the Seleksi Mandiri admission system. Using Pentaho Data Integration (Spoon.bat), I implemented both ETL (Extract, Transform, Load) and ELT (Extract, Load, Transform) pipelines to clean, integrate, and structure data efficiently from various sources. The processed data was stored in a scalable data lakehouse environment, allowing for both structured and semi-structured data analysis. Finally, I connected the refined data to Power BI, where I designed an interactive dashboard to visualize key insights—such as applicant demographics, program choices, and selection results—enabling stakeholders to make data-driven decisions with ease.

Year Accomplished

2024

Role/Position

Data Engineer

Publication Link

[https://drive.google.com/file/d/1LGeLa9V_OvTxAsdEMe9aztLtqX1ZaLE/view?
usp=sharing](https://drive.google.com/file/d/1LGeLa9V_OvTxAsdEMe9aztLtqX1ZaLE/view?usp=sharing)



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