RUSSEL EMILIAN RUMBINO

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SUMMARY

I graduated with a degree in Mechanical Engineering in 2021 from Sam Ratulangi University. Since then, I have developed a strong passion for Website and Mobile Development. I have completed training in the MERN stack, gaining hands-on experience with MongoDB, Express.js, React, and Node.js. In addition, I possess skills in Mobile Development as a Flutter Developer. Through this training, I mastered the MVC pattern, which helps in organizing code, separating application logic, and enhancing maintenance and scalability. Furthermore, I honed my ability to manage application state using Redux in React, allowing me to simplify complex codebases and streamline development workflows. I am currently open to opportunities as a Front-End Developer, Back-End Developer,Mobile Developer or Full-Stack Developer. I am eager to leverage my technical expertise, strong problem-solving abilities, and passion for creating seamless user experiences to contribute to impactful projects.

WORK EXPERIENCE

MANDIRI HEALTH   **- South Jakarta**
Mobile Flutter Developer - Internship   *Juni 2023 - July 2023*
- Developed a **Model-View-View-Controller (MVVC)** structure using Flutter to ensure well-organized and maintainable codebases.
- Translated user interface designs from **Figma** into responsive and visually appealing Flutter layouts.
- Implemented a **QR code scanner** feature, enabling seamless and efficient data input through scanning.
- Built a **blog application** with functionalities such as creating, reading, updating, and deleting posts, using **GetX** for state management to streamline development and improve performance.
- Collaborated with the team to deliver high-quality features within tight deadlines while adhering to best coding practices.

EDUWORK   **Online**
Full Stack Developer - Project Internship   *April 2024 - December 2024*
- Developed a model-view-controller (MVC) structure to organize the backend more effectively using ExpressJS.
- Built REST APIs to handle HTTP protocol-based data integration, achieving an average response time of under 200ms with ExpressJS.
- Created engaging, responsive views for web users using ReactJS and Next Js / Ts.
- Implemented efficient API consumption, establishing a reliable data retrieval mechanism that ensured consistent and accurate data display across different web pages in ReactJS .
- Conducted functional testing of the application to assess usability using Jest.

CERTIFICATION & BOOTCAMP

EDUWORK   **Online**

Fullstack MERN Class Maret 2024 – November 2024

- Completed courses in ExpressJS, ReactJS (Javascript Framework) within three months.
- Developed a REST API backend, implementing essential endpoints for seamless data handling using ExpressJS in one week.
- Gained practical knowledge in authentication and authorization techniques over a focused two-week period with Passport.JS.
- Enhanced project collaboration and repository management skills throughout the program, utilizing GitHub to streamline version control and teamwork.
- Acquired a strong understanding of efficient database design prior to application development in a month.
- Learn more and Create five Fullstack Projects for my Potofolio in five month

Dicoding   **Online**

Basic Dart, Flutter Pemula Class   *November 2024 - December 2024*

- Progressed from **beginner** to foundational levels in **Dart programming** and **Flutter framework**, focusing on cross-platform mobile application development.
- Gained a solid understanding of **Flutter widgets**, including **stateful** and **stateless widgets**, to build responsive user interfaces.
- Mastered the fundamentals of **state management** using **Provider**, enabling efficient application architecture and dynamic UI updates.
- Created a functional **HTTP-based application**, consuming RESTful APIs for real-time data retrieval and submission.
- Designed and implemented a **basic mobile application project** featuring navigation, input forms, and asynchronous data handling using Dart and Flutter.
- Developed skills in using **Flutter tools** like **Hot Reload**, **Flutter Inspector**, and **Dart DevTools** for faster debugging and development.
- Applied principles of **clean code** and modularization, ensuring maintainability and scalability of mobile applications.
- Completed hands-on projects that included creating a **user-friendly mobile interface** and integrating **local data persistence** using **Shared Preferences**.

Enigma Camp   **online**
Golang Developer Training
February 2023 - May 2023

- Progressed from **beginner** to **advanced levels** in **Golang**, focusing on backend development and building scalable web applications.
- Mastered the **Gin framework**, developing efficient RESTful APIs with middleware for authentication, logging, and error handling.
- Gained hands-on experience in designing and implementing **MVC architecture**, ensuring clean and maintainable code structures.
- Worked extensively with **database integration**, including **PostgreSQL** and **MySQL**, for creating secure and optimized backend systems.
- Learned and applied **unit testing** in Golang to ensure code reliability and maintainability

EDUCATION

Sam Ratulangi University Manado City
Bachelor Degree (S-1) - Mechanical Engineering.   *2014 – 2021*
GPA: 3.21 / 4.00
- Acquired comprehensive knowledge in thermodynamics, fluid mechanics, materials engineering, and mechanical design principles.
- Designed and analyzed mechanical systems using tools such as AutoCAD, SolidWorks, and MATLAB.
- Completed a final project focused on optimizing energy efficiency in mechanical systems, integrating practical and theoretical principles.
- Gained practical experience in machine maintenance, manufacturing processes, and quality control during internships and laboratory projects.

SKILLS, INTERESTS, & LANGUAGES

Technical Skills : | JavaScript | ExpressJS | ReactJS | NodeJS | NextJS | TypeScript | HTML5 | CSS3 | Ecmascript6 | REST API | TailwindCSS | Database | NOSQL | MongoDB | SQL | MySQL | Version Control System Git | Github | Unit Test | Mobile | Dart | Flutter | ERD |

Soft Skills : Teamwork | Problem Solving | Time Management | Communication

Interests: Full Stack Developer, Mobile Developer, Web 3.0

Language : Bahasa Indonesia (Native) | English (Intermediate)

PROJECTS

Chord Chell   *October 2024 – November 2024*
Details : The Chord Website is an interactive web platform that allows users to search and learn guitar chords from various songs. This website provides chord search, chord transpose, and auto scroll features.
Tools   : React / Next Js, Next Api / Next action, MongoDB, Tailwind Css
Github : https://github.com/uchel09/chord-c-next
Demo   : https://chord-c-next.vercel.app/

FE Sisko/HijjaShop   *November 2024 – November 2024*
Details : A fully functional e-commerce platform that allows users to browse and purchase products online.
Tools   : React / NextJs, Vite, Tailwind CSS, Vercel
Github : https://github.com/uchel09/edu-fesisco
Demo   : https://hijjashop.vercel.app/

Chell Photo Stock   *Maret 2024 - Juny 2024*
Details : A photo stock platform designed to connect photographers and clients in need of high-quality images. The application allows photographers to upload, showcase, and sell their photos, while clients can browse, purchase, and download images for their needs. The platform mimics popular social

media features but focuses on the photography industry, creating a community for both photographers and free images platform.

Tools   : React / Next Js , Next Api, Next Action, Mongo Atlas, CSS, Cloudinary, Vercel

Github : https://github.com/uchel09/chell-photo-stock

Demo   : https://chell-photo-stock.vercel.app/

Chell Chat   *July 2024 - August 2024*

Details : A real-time web-based chat application designed to enable seamless communication between users.

Tools   : React / Next Ts , Express Js ,Mongo Db, Websocket / socket.io, Tailwind Css, Vercel

Github : https://github.com/uchel09/chell-photo-stock

Demo   : https://chell-chat-app.vercel.app

Chelldemy   *August 2024 - October 2024*

Details : This website is a multi-author e-learning platform that allows multiple authors (instructors) to create, manage, and distribute learning materials online.

Tools   : React / Next Ts , Next Api, Next Action, MySQL Prisma, Tailwind CSS shadcn, Vercel

Github : https://github.com/uchel09/chelldemy

Demo   : https://chelldemy.vercel.app/

Myqr   *September 2024 - Septerber 2024*

Details : An application to manage products and app scanner product with barcode to change page.

Tools   : Flutter, Getx, FIrebase

Github : https://github.com/uchel09/myqr

Car Rental UI   December *2024 - December 2024*

Details : Fully functional e-Rental platform that allows users to browse and rent cars online..

Tools   : Flutter

Link   : https://github.com/uchel09/CarRental

REFERENCE

Name	: Mario Prasetyo Mulya
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Position	: Mentor
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