Mahran Radifan Zhafir

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https://manokrajin.github.io/portofolio/

EDUCATION

Pertamina University, Undergraduate Computer Science Majoring in Computer Science   2019- 2023
CGPA: 3.51/ 4.00
- Technical Skills: Git, SQL, HTML, CSS, Dart, JavaScript, Pascal, Figma, React, Svelte, Flutter, Dart, Laravel, Next.js, Prisma
- Proficient in English

EXPERIENCE

IT Developer Bulog   **Jakarta**

As a Frontend Developer, i am responsible for delivering a high quality of user interface and providing a fluent flow of user experience to maintain a great experience on my application. I involved in two main project in bulog itself

Flutter package : Drift DB, FCM, Riverpod, Provider, Hive, Material Design, Animated Container, GoRouter

RPK-Mobile   *2024*

Rpk Mobile is an app for store associated with bulog through rpk to buy product from bulog at affordable price
- Built with Flutter
- Implementing a full flow of transaction, from login all the way through payment
- Handling state with Provider, for handling state at ease
- Handling file with file picker and image picker to gain access to media, file, and client camera

RPK Point of Sale   *2024*

Rpk POS is an app for helping the user of RPK to maintain the inventory of their store and printing receipt for the customer of each RPK store
- Built with flutter
- Implementing a full offline flow to make no async call while handling cashier, to prevent laggy behavior since internet doesn't spread evenly across indonesia, using Hive for flutter
- Handling a full user flow all the way from login, store open session, and etc that we used to see in pos app.
- Handling receipt printing using bluetooth printer.
- Handling some animation to make the app seems more fluid

Banpang information system   *2024*

A collaboration information system between Bulog and Badan Pangan to make a information system to handle distribution documentation
- Built with Next js as Frontend and Prisma as API
- Succesfully used for 100+ user across indonesia, from bulog and its transporter
- Responsible for creating a rekapitulasi dokumen
- Handling algorithm for rekapitulasi, so user can create the rekapitulasi of data without adding the data manually
- Adding filter for rekapitulasi list and draft rekapitulasi so user can search the data with ease

Banpang mobile   *2024*

Banpang mobile handles the validation of data so it can be validated later in banpang information system
- Built with Flutter as Frontend and Prisma as API
- Succesfully used for 100+ user across indonesia
- Handling data, with or without connection, after successfully delivering product to citizen

Klik SPHP   *2024*

Klik SPHP is an application to handle the e-commerce between Perum Bulog and its partner to sell cheap-high quality rice throughout indonesia
- Built with Flutter

- Refactoring and rebuilding the previous application built with ioniq
- Using FCM to notify user from backend

COMPUTER KSN-K TRAINER   **Jakarta**

KSN (Kompetisi Sains Nasional) is an annual event held by Kemendikbud as a competition for schools to compete among the student from across the state of Indonesia

Practicum Assistant   **Jakarta**

Algoritma Struktur Data Practicum Assistant   *2021*
- Helding a meeting to teach College Students about Algoritma Struktur Data and responsible for creating problems for final evaluation. And also taking notes and score as a report for the responsible lecturer

Pemrograman Berorientasi Objek Practicum Assistant   *2022*
- Helding a meeting to teach College Student About Pemrograman Berorientasi Objek and was responsible for creating problems for final evaluation. And also taking notes and score as a report for the responsible lecturer

Project Manager   **Aceh**

As a project manager, I have experience in leading the development of a website for groceries named Pakthani using Next.js and Django. I oversaw the implementation of the project from the planning stages to the deployment on Netlify. I was responsible for coordinating the work of the development team, ensuring that the project was completed on time and within budget. I also worked closely with the client to gather requirements and provide regular updates on the progress of the project. Additionally, I was responsible for testing and quality assurance, making sure that the website was fully functional and met the client's needs. Overall, my experience in building a website using Next.js and Django and deploying it on Netlify has been a success, delivering a high-quality product to the client.

Pertamina New Venture Internship   **Jakarta**

As an intern, I learnt a lot in Pertamina. I work in a team called pertavolt, which is responsible for an electric generator to provide electricity for portable electric devices. I work as a programmer, to maintain the stability of the website and helping my team to gather data using data scraping method with python from any website. I was participating in some important meeting in order to know the product well.

PROJECT

Super Health App   **Jakarta**

Website for tracking your health progress. A Capstone Project to graduate from Kampus Merdeka held by Kemendikbud. This website is built with React JS as its main front-end library. Website for tracking your health progress. A Capstone Project to graduate from Kampus Merdeka held by Kemendikbud. Creating a health tracking website with a BMI calculator, calorie calculator, and rest timer can be challenging but rewarding. It involves designing layout, programming features, ensuring accuracy of calculators and creating a user-friendly design. It requires technical expertise and design skills.

Sistem Informasi Sidang Ilmu Komputer Universitas Pertamina   **Jakarta**

Website for scheduling final thesis defense and an integrated platform for college student, lecturer, and administrator to submit, giving feedback, and evaluate every document required for final thesis on a single website with different roles. This project also implements a scheduling algorithm in order to reduce the workload of administrators of Universitas Pertamina. The website itself is built with svelte as its front-end library and firebase to handle database and back-end for database communication. The purpose of this website primarily as a requirement for my final thesis.

Portofolio
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