Fajar Maulana

Web Engineer

Professional Web Engineer since 2022 with experience in real web application projects. Always improve the skills in field of frontend and backend. And try to stay up to date with the latest technology.

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WORK EXPERIENCE

Full Stack Engineer Intern

Sea Labs Indonesia

01/2024 – Present

Tech used:

Backend:

Go, GIN, PostgreSQL, Testify, Mockery, Cloudinary.

Frontend:

TypeScript, React, Redux, Next.js, Zustand, CSS Module, SCSS, Styled Components, Tailwind, Husky, Eslint, Vitest.

Description:

In this internship, I did several things such as

1. Finish REST API to get books with search query from a library database, create a new book, get users data, borrow a book, and return the borrowed book.
2. Finish REST API to register a new user to an e-wallet database, send an email for account verification, let the user to login and insert auth token to http only cookie, refresh access token when it expired, send an email for reset password request, reset user password by reset password token, let the user to logout, top up wallet balance, transfer balance to other user, get profile data, get transaction data with some filters and pagination, get recent transaction, update profile, and change password.
3. Finish the frontend side of an e-wallet application to implement the e-wallet REST API above.
4. Finish the frontend side of a sneakers shop application.
5. Take a part in completing a healthcare application.

Frontend Engineer

Individual Project

11/2023 – 12/2023

Tech used:

TypeScript, Vue, Pinia, Tailwind, Axios, Vee-Validate, PWA.

Description:

PokeDex is a web application to display all Pokémon by the Pokémon type and catch the Pokémon to the Dex or just add them to favorites. With the support of **PokeAPI** which is a nested API, the data fetch process requires several stages and strategies to obtain the desired data. This app also provides a different experience when using mobile and desktop resolutions.

NLP and Web Engineer

Bachelor Thesis Project

10/2022 – 12/2022

Tech used:

Model Builder:

Python, TensorFlow, Keras-TCN.

Backend:

Python, FastAPI, Uvicorn, Docker.

Frontend:

TypeScript, Vue, Tailwind, PWA.

Description:

UniFACT is an application equipped with a Deep Learning model with a Bidirectional Temporal Convolutional Network architecture so that it can classify Indonesian-language news narratives as 3 classes, namely Fabricated Content / Imposter Content, Misleading Content / False Context / Manipulated Content, and Valid. This app just has a text box with microphone button for user who want to predict some narrative with voice. The prediction results displayed include the original narrative, narrative without stop words, details of the probability in each class as a percentage, final prediction, and an explanation of why the results are that way.

Web Engineer Freelance

Self Employed

08/2022 – 09/2022

Tech used:

Backend:

Node.js, Express.js, MongoDB.

Frontend:

TypeScript, Vue, Pinia, Tailwind, Axios, Vue-Quill, Katex, PWA.

Description:

FIM UNNES Application is a medium used to make it easier to organize the quiz round of a competition called Forum Ilmiah Matematika Nasional. Consists of three main pages, namely the authentication page, quiz page, and editing page to edit the question and point for each question. This application has features that accommodate the rules that have been set out in the quiz round guide, such as playing back the time for each question, automatically giving points to participants according to the question points, automatically giving bonus points according to the guide, an undo/redo feature, and also display and edit the formula content.

Frontend Developer Intern

PT. GITS Indonesia

02/2022 – 07/2022

Tech used:

TypeScript, Vue, Vuetify, Tailwind, Axios, Vee-Validate, Highcharts.

Description:

GITS Project Profitability (GPP) System is an application built to facilitate profit analysis, project costs analysis, and review employee logtime at PT. GITS Indonesia. In this internship a take a part in completing the dashboard page from wireframe to worked page.

SKILL

Programming Language

- TypeScript
- Python
- Go

Backend

- Express.js
- FastAPI
- GIN

Database / Storage

- MongoDB
- PostgreSQL
- Cloudinary

Frontend

- Vue.js | Pinia, Vuex
- React.js | Zustand, Redux
- Next.js
- PWA

CSS Preprocessor

- CSS Module
- SCSS
- Styled Components
- Tailwind

Other

- TensorFlow (modelling)
- Beautiful Soup (scraping)
- Corel Draw (Graphic Design)

Education

Machine Learning Engineering

Bangkit | Google, Gojek, Tokopedia, Traveloka

2021 | Bootcamp

Mathematics - Cumlaude 3.64

Universitas Negeri Semarang

2018 – 2023 | Bachelor Degree Education

Language

Indonesia   (Native)

English   (Basic)