Fajar Maulana
Junior Web Developer

CONTACT

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SKILL

Frequently Used

- **Markup**
  HTML, CSS, Tailwind CSS
- **Scripting**
  JavaScript with TypeScript
  Python
- **Frontend Needs**
  Vue.js with Vite and PWA
  Vuex
- **Backend Needs**
  Node.js
  Express.js
  Multer, Sharp, Cloudinary
  FastAPI
  Uvicorn
  Docker
- **Database**
  MongoDB
- **Modeling Needs**
  TensorFlow

Still Learned

- **Frontend Needs**
  React.js
  React Native
- **Database**
  PostgreSQL
- **Server Side Rendering**
  Nuxt.js

EDUCATION

Machine Learning Engineering
Bangkit with
Google, Gojek, Tokopedia, Traveloka
2021 | Bootcamp

Mathematics - Cumlaude 3.64
Universitas Negeri Semarang
2018 – 2023 | Bachelor Degree Education

LANGUAGE

Indonesia   (Native)
English   (Basic)

SUMMARY

I am a graduate of Mathematics Department of Universitas Negeri Semarang who has an interest in the topic of computational mathematics and then honed my skills as a software engineer and deep learning engineer. I am used to learning that requires precision, high adaptability, teamwork, and an interest in always learning new things during the lecture process. So that, I believe that I can help your company to achieve the goals and objectivity.

EXPERIENCE

Frontend Developer Internship
PT. GITS Indonesia
02/2022 – 07/2022
Project 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.
Role :
- Create the wireframe and mock up design of GPP System's dashboard page.
- Develop the dashboard page with Vite, Vue.js, TypeScript, Vuetify, Highcharts, and TailwindCSS.
- Collaborate with other team, such as other frontend team, backend, system analyst, and Quality Assurance.
- Integrate the page with data from API with axios.
- Help User and Role Management team to finish the API integration.

Web Developer Freelance
Self Employed
08/2022 – 09/2022
Project Description :
FIM UNNES Application is an application used as a medium for organizing the final round of a competition called Forum Ilmiah Matematika Nasional at Universitas Negeri Semarang.
Role :
- Create the mock up design of each pages.
- Develop each pages with Vite, Vue.js, Vue-Quill, Vee Validate, and TailwindCSS.
- Build the backend application with Node.js, Express.js, and MongoDB. Includes the authentication middleware and other needs.
- Integrate the frontend and backend with axios.
- Deploy the frontend to netlify and the backend to vercel.

Deep Learning and Web Developer
Bachelor Thesis Research and Completion
10/2022 – 12/2022
Project Description :
UniFact is an application equipped with a Deep Learning model with a Bi-TCN architecture so that it can classify Indonesian-language news narratives as valid or hoax automatically.
Role :
- Do the research about hoax and Bi-TCN architecture.
- Create the wireframe and mock up design of the page.
- Designing the system requirements and data needs.
- Collect and clean data with scrape at turnbackhoax.id for hoax datas and news.detik.com for valid datas with grequest and beautiful-soup.
- Build the deep learning architectural model with Python, TensorFlow, and Keras-TCN.
- Build the backend application with FastAPI, Uvicorn, Docker, and the best model obtained.
- Develop the page with Vite, Vue.js, TypeScript, and TailwindCSS.
- Do software testing, then deploy the frontend to netlify and the backend to heroku (now to huggingface).
- Change the domain name of the frontend with (.me) from namecheap (now stay with .netlify.app).

Deep Learning and Web Developer
Initiative
05/2023 – present
Project Description :
UniAPP is a fully integrated application with various features to facilitate Lembaga Pembinaan Olimpiade Matematika Universitas Negeri Semarang activities and as educational-based business containers use technology and automation implementation.
Role :
- Create the mock up design of each pages.
- Develop each pages with Vite, Vue.js, Vue-Quill, TypeScript, Vee Validate, TailwindCSS and others.
- Build the firts backend application with Node.js, Express.js, MongoDB, Multer, Cloudinary, and others. Includes the authentication middleware and other needs. And the second backend application with FastAPI, Uvicorn, Docker, and deep learning models as needs.
- Integrate the frontend and backend with axios.
- Do software testing, then deploy the frontend to netlify and the backend to vercel and huggingface.
- Create the software documentation and manual.