Alex Tay Mao Xiang

Intermediate Software Engineer
(Frontend Lead)

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SUMMARY

Experienced frontend developer with exposure to backend development, skilled in creating responsive and visually appealing web applications. Additionally, my expertise in backend technologies such as Node.js and databases allows me to develop robust and scalable web applications. I thrive in collaborative environments where I can contribute my skills and learn from others. Currently seeking a challenging and growth-oriented position to utilise my skills and create positive change through my work.

EDUCATION

Bachelor of Computer Science (Hons.),
Multimedia University
Jul 2017 – Jun 2021
- Alumni management system using Flutter framework, PHP backend and REST API (cross platform mobile app)
- Develop a Planogram Compliance Check system for retail stores using image processing and Deep Learning framework.

AWARDS

Top-10 finalists for Unifi Hackathon,
Telekom Malaysia
Apr 2019
- Pitch on the new system application for unifi data plan customization & trading platform.

Dean's List,
Faculty of Computing, Multimedia University

ORGANIZATIONS

24-Hour Metta, *Volunteer*
2021
- Develop an interactive website for a religious event held during the Covid-19 pandemic.

SKILLS

SQL & Database Infrastructure *(MySQL, PostgresSQL & Database Schema Design)*,
Web development *(NodeJS for backend and Next.js, React.js for frontend)*,
Payment gateway & Firebase Auth *(Full firebase Auth system with Stripe payment and webhook integration in NextJS)*,
Source control & CI/CD Integration *(Proficient in deployment automation using GitHub workflow and commit hooks)*,
Machine Learning & Others *(Trained ML models & utilise Deep Learning models in Python. Can adapt to backend code written in C++, C#, ASP.NET, Java.)*

PROFESSIONAL EXPERIENCE

Intermediate Software Engineer,
GrandShopware
2020 – present | Bukit Jalil, Malaysia
- Frontend development & setup new projects using React.js, Next.js.
- Backend development using Node.js (Javascript & Typescript)
- GraphQL & REST API development.
- PostgreSQL database.
- Mainly focusing on frontend development and file-scraping backend.
- Exposed to the whole system flow and database structure.

Web developer intern, *TimeTec Group*
2020 | Cyberjaya, Malaysia
- Develop custom built backend APIs using ASP.Net (C#) and MYSQL.
- Responsible in developing logic flow based on end-user requirements.
- Debugging and maintenance flow & tools.
- Carry out testing and implementation.
- OAuth prototype system using Identity Server 4.
- Source control workflow.

LANGUAGES

English
MUET Band 5
● ● ● ● ●

Mandarin
Native language
● ● ● ● ●

Bahasa Malaysia
● ● ● ● ○