Ahmad bin Zainul Abidin

Fullstack Developer

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Summary

Adaptable and forward-thinking Fullstack Developer with 6+ years of experience continually embracing new technologies to build robust and user-friendly web applications. Proven ability to quickly learn and implement innovative solutions across diverse projects and technology stacks.

Experience

BAE Systems Digital Intelligence   **Feb 2023 - Present**
Full Stack Developer   Kuala Lumpur, Malaysia

- **Full Stack Development:** Leveraged expertise in **Typescript**, **Javascript**, and **Java** to develop and maintain both **Front-End** (Microfrontends) and **Back-End** (Microservices) components within a large-scale ecosystem.
- **Microservices Architecture:** Contributed to a Back-End environment comprising over 50 **Java**-based microservices, ensuring scalability and resilience.
- **Microfrontends Architecture:** Developed and maintained Front-End applications utilizing a Microfrontends architecture, enhancing modularity and maintainability.
- **Agile & Scrum Methodology:** Collaborated with 20+ global **Scrum** team members to deliver complex projects, adhering to **Agile** principles for iterative and incremental development.
- **Stakeholder Communication:** Presented product demonstrations to over 20 global stakeholders, effectively communicating progress and gathering feedback.
- **Knowledge Sharing & Initiative:** Proactively researched and implemented new tools and software to enhance project capabilities and developer experience, conducting regular knowledge-sharing sessions with the development team.

Configura Pacific Sdn Bhd   **May 2021 - Feb 2023**
Developer   Kuala Lumpur, Malaysia

- **Front-End Development Focus:** Served as the primary Front-End Developer within cross-functional **Agile** teams, developing a companion web application for the in-house CAD software.
- **Full Stack Expertise:** Engineered solutions across 6 diverse technology stacks and utilized 2 programming languages to build a real-time system with **WebSocket** synchronization for project file management, supporting a scalable user base.
- **Requirements Gathering & Stakeholder Management:** Engaged with 20+ global stakeholders within a **Scrum**environment to translate high-level designs into actionable development plans, accommodating over 100 user requirements.
- **Code Quality Assurance:** Participated in 10+ weekly code reviews, proactively identifying, commenting on, and rectifying code issues to maintain high code quality standards.
- **Product Demonstrations & Communication:** Represented the development team in 2 product demos to over 80 stakeholders across 3 regions, showcasing project progress and features.
- **Proactive Learning & Technology Adoption:** Voluntarily took on new assignments utilizing **Rust**, expanding technology skill set while ensuring timely delivery of core project tasks.

BAE Systems Applied Intelligence   **Sept 2018 - May 2021**
Full Stack Developer   Kuala Lumpur, Malaysia

- **Automation & Efficiency Improvement:** Developed automated migration scripts, significantly reducing migration time by over 30 man-hours, enhancing project efficiency.
- **Quality Assurance Initiative:** Initiated and contributed to the automated testing project, empowering the QA team to write effective regression test scripts and improve software quality.
- **Web Application Development & Deployment:** Successfully delivered a secure web application for security document subscription, benefiting over 500 global users and improving document accessibility.
- **Diverse Technology Stack Proficiency:** Worked across 9 different technology stacks and utilized 5 programming languages to successfully deliver 5 projects within a 3-year timeframe, demonstrating adaptability and versatility.
- **Automated Testing Implementation:** Provided over 400 automated test scripts within a single month, significantly enhancing test coverage and reducing manual testing efforts.
- **End-User Collaboration:** Engaged with 10+ global end-users to ensure software deliverables met expectations and addressed user needs effectively.
- **Code Review & Best Practices:** Took part in 10+ weekly code reviews, consistently identifying and resolving code defects to maintain high code quality and enforce coding standards.
- **Back-End API Development:** Expanded robust and scalable API back-end services using **Python Django**, contributing to the application's core functionality.
- **Front-End Development Expertise:** Developed user-friendly and interactive Front-End applications using **React** with **Javascript**, enhancing user experience.
- **Authentication & Reverse Proxy Management:** Implemented and managed authentication and reverse proxy solutions utilizing **NGINX** and **Lua**, ensuring secure access and optimal application performance.

Skills

Front End Development

React, Typescript, Javascript, NextJS, TailwindCSS, Material UI

Backend Development

Java, Rust, Python, Lua, Django, Axum, Protobuff

Deployment

Docker, Docker Compose, Serverless, Micro Services, NGINX

Project Management

Agile, Scrum, JIRA, Azure DevOps, Git, Figma

Database

D1, Solr, SQL, R2, S3, Drizzle, SQLx

Protocols

gRPC, REST, SOAP, tRPC, Server Sent Event (SSE), WebSocket

Languages

English

Fluent - IELTS 7.5

Malay

Native

Japanese

Conversational - N5

Certifications

Japanese-Language Proficiency Test (JLPT) N5

The Japan Foundation and Japan Educational Exchanges and Services

Education

Universiti Kuala Lumpur Malaysia France Institute   **Sept 2013 - Jan 2017**

Industrial Automation & Robotics   Bachelor Degree

3.71/4.00 CGPA

- Council Award, Platinum Award and Golden Award recipient
- Founder and President of UniKL Robotique Society (Initiated, Organized and actively participated in multiple international robotic competition)
- Speaker for Enactus Malaysia National Cup 2015
- Vice President of administration for Enactus UniKL MFI 2015 - 2016
- Lead the University team in Malaysia - India Robotic Exchange Program at Chennai, India

Korea University of Technology and Education (KOREATECH)   **February 2016 - July 2016**

School of Computer Science   Exchange Student, South Korea

4.5/4.5 GPA

Projects

Ejen2U Mobile App

Delivered

- Develop mobile app that simplifies the process for agent management, order stocks, calculate earnings and generate reports using React Native and MySQL within 1 year
- Lead a team of 3 by engaging with 5 stakeholders to discuss, design and develop user requirement

Solar Dryer Automation

Delivered

- Design, Fabricate, Procure and Program embedded micro-controllers to monitor and automatically maintain the temperature and humidity inside the Solar Dryer for Agriculture industry process
- Used google sheet to create a dashboard for real-time monitoring and logging to aid user in monitoring, research and troubleshoot any issues remotely

Automated Trading Bot

On-going

- Plan, calculate and develop trading bot to constantly monitor the market price of selected ticker stocks to make purchasing and selling decision automatically using Python
- Successfully generated positive portfolio in 3 months
- Currently in study to embed Machine Learning into the trading algorithm

Restaurant POS System

On-going

- Architected and develop Restaurant POS System, QR Ordering, payment checkout using React Native for mobile app and NextJS Serverless hosted on Cloudflare Edge for Web Applications and the Backend Server

Volunteering

Universitas Airlangga   **January 2016**

Surabaya, Indonesia

- Volunteer for 1 month in charity work under KKN-BBM Community Empowerment Program
- Responsible in educating 60+ children from rural area on the topic of hygiene, self-care and english in the program

References

Aris Lim

Product Owner

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