NIK ADLEE AFIF BIN NIK MOHD KAMIL

BACK-END DEVELOPER/ENGINEER

Specialize in backend development, with a focus on building scalable, event-driven systems. Hands-on experience with RabbitMQ for message queuing and Redis for caching, where it solved real-world issues to optimize performance. Experienced multiple languages including JavaScript, Golang and Python where I build structured and secure APIs.

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EXPERIENCES

Telekom Malaysia Research & Development **Current**
Junior Backend Developer

- Developed and maintained a robust message queuing system using RabbitMQ to support more than 100 asynchronous workflows across multiple network vendor platforms.
- Designed and implemented scalable microservices using NestJS and Node.js, incorporating secure RESTful APIs, Redis-based caching strategies, and optimized database queries to ensure system performance and reliability.
- Deployed and managed containerized services with Kubernetes and automated delivery pipelines using GitLab CI/CD, contributing to efficient and consistent deployment across environments.
- Built operational support systems from scratch, including a reporting module with complex calculation, a full-fledged trouble ticketing system, and real-time monitoring tools to support live telco infrastructure.

Institute of Artirtifical Intelligence and Big Data (AIBIG) **2024**
Software Engineer Intern

- Developed an innovative web application utilizing **JavaScript**, **Python**, and **modern AI techniques** to enable robust variant testing and deployment of multiple machine learning models
- Engaged in various organizational programs and initiatives contributing to productive **team collaboration** and discussion around technology strategy

Versa Asia Sdn. Bhd. **2023**
Developer Intern

- Contributed to the **development of system** and **API layers** for various services, ensuring efficient and scalable solutions using **Fastify** with **TypeScript**.
- Successfully **decoupled modules** from its existing framework and integrated it into different frameworks, enhancing the module's reusability and flexibility.

EDUCATION

TalentLabs
Aug 2023 - April 2024
Certified Associate in Back-end Development Program.

Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)
Sep 2019 - Oct 2023
3.73/4.0 CGPA in Bachelor's Software Engineering major.

PROJECTS

Profile API | May 2024 - May 2024
Write **REST API** to access my developer profile in **JSON** format using **Golang** and **Gin**. Deployed into **AWS EC2** with **GitHub Action** for CI/CD approach.

Personal Portfolio | Sep 2023 - Dec 2023
Developing my own personal portfolio to get people know me better using **ReactJS** together with **Node.js** as well as other open source libraries.

TECH. SKILLS

- **Programming Languages:** Go, JavaScript, Python, Java, C
- **Frameworks:** Node.js, NestJs, Express, Jest, Gin, React
- **Databases:** MariaDB, MySQL, BigQuery, Firebase, MongoDB
- **Methodologies:** Agile and Scrum
- **Tools:** RabbitMQ, Git, Redis, Docker, Kubernetes, GitHub, Jira, GCP, AWS, Jenkins, Linux