

Haikhal Fakhreez

Full-stack Software Engineer

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Software Engineer with **5+ years of working experience** in Java, Node.js, Go, React.js, and Next.js.

Deep passion for technology and continuous learning. Seeking a challenging **Senior Software Engineer** role to leverage my full-stack expertise, DevOps knowledge, and technical leadership.

WORK EXPERIENCE

MONEYLION INC

Backend Engineer

February 2024 - Present

- Spearheaded the architectural design, development, and deployment of Java (Spring Boot) microservices on Kubernetes, utilizing Terraform and GitOps for infrastructure and CI/CD.
- Initiated and led the R&D projects (EWS team) to production, scaling the team to 6 engineers and driving the project to generate ~\$40K/month in revenue.
- Optimize lead funnel using data and personalization to maximize enterprise revenue, leveraging knowledge on data engineering (AWS Glue, Spark, Airbyte, CDC, Snowflake, Kafka), and machine learning via AWS Bedrock.
- Created, participated, and reviewed system design documents, RFCs, and ADRs to guide architecture decisions and ensure team alignment.

INVOLVE ASIA TECHNOLOGIES SDN BHD

Front-end Engineer

November 2021 - January 2024

- Led a team of 5 engineers in a major frontend dashboard refactor using Next.js and TypeScript.
- Designed, developed, and maintained a Backend-for-Frontend (BFF) architecture with Node.js, resulting in a 70%+ reduction in API calls.
- Designed and implemented secure OAuth2-based authentication and authorization systems for the web platform.
- Developed, maintained, and collaborated with product designers to build in-house design system components using TailwindCSS, Radix UI, and Storybook.
- Provided sprint estimates, delegated tasks, and mentored junior team members.

ADEASY SDN BHD

Jr. Front-end Developer

January 2021 - October 2021

- Developed UI and APIs for highly interactive dashboard using Vue.js, Laravel, and MySQL.

KEY SKILLS

- **Languages & Frameworks:** Java (Spring Boot), TypeScript, JavaScript, Go, Node.js, React.js, Next.js, Vue.js, PHP, Laravel, Python
- **Databases:** PostgreSQL, MySQL, OpenSearch, Redis, DynamoDB, DocumentDB, MongoDB
- **Infrastructure:** AWS Services (e.g. EKS, S3, Lambda, SQS, Glue, Bedrock, Step Functions), Kubernetes, Docker, Terraform, ArgoCD, GitOps
- **Architecture & Systems:** Microservices, Event-driven architectures, Kafka, API Gateway, Backend-for-Frontend (BFF)

EDUCATION

Bachelor of Science (Biotechnology) - IIUM

2016 - 2020

Software Engineering - self-taught: courses, youtube, and personal projects