

FADHIL LUQMAN

Senior Senior Software Engineer

SUMMARY

An adept Senior Software Engineer with a strong background in Elixir/Phoenix, robust API development, and systems scalability. Engineered the 'Wukong API Proxy' to streamline deployment timelines at Mindvalley, resulting in significant reduction of developer wait times. Skillfully managed Robu Sdn Bhd's software team, developing its B2B2C platform and ensuring efficient cloud-based deployments. At Fave, excelled in site reliability while transitioning infrastructure from AWS to GCP and enhanced web app performances via Elixir optimizations. With a Bachelor's in IT from Universiti Teknologi Petronas, the candidate demonstrates a solid grasp of software development. Emphasizes AI-assisted workflows, mastering languages like Ruby on Rails, Elm/React, and Rust, and diversifies with a foundational understanding of cryptography and blockchain technologies.

TECHNICAL SKILLS

Main Technical Skills	Elixir Phoenix (5 yr.), PostgreSQL (5 yr.), Ruby on Rails (2 yr.), React, Neo4j (2 yr.)
Programming Languages	Go, Rust
JavaScript Frameworks	Angular, React
Salesforce Ecosystem	Apex DataLoader
AI & Machine Learning	LLM
Ruby Frameworks	Ruby on Rails (2 yr.)
Databases & Management Systems / ORM	MySQL (2 yr.), Neo4j (2 yr.), PostgreSQL (5 yr.)
Cloud Platforms, Services & Computing	Fastly, GCP
Amazon Web Services	AWS S3
Azure Cloud Services	Azure Blockchain
Deployment, CI/CD & Administration	Ansible



BlockChain and Decentralized Software	Azure Blockchain, Cryptography, ETH (Ethereum blockchain)
SDK / API and Integrations	GraphQL
Methodologies, Paradigms and Patterns	SOLID
QA, Test Automation, Security	XCUITEST
Other Technical Skills	jsQR, Oban

WORK EXPERIENCE

Senior Software Engineer, Wukong API Proxy

Duration: February 2021 – Now

Summary: Development of the Wukong API Proxy to streamline deployment processes, including an Elixir-based API Proxy and a Rust-based CLI.

Responsibilities: Led the development, implemented an automated changelog generation feature, and integrated AI capabilities in a browser-based drawing game.

Technologies: Elixir/Phoenix, Postgresql, Absinthe, Oban, Rust, AI technologies, Fastly caching

CTO, JiMATSHOP Backend System

Duration: September 2019 – August 2020

Summary: Backend systems development for Robu's online B2B2C platform, JiMATSHOP.

Responsibilities: Managing deployment, environment setup on cloud hosting, and leading a team of developers.

Technologies: Elixir/Phoenix, Postgresql

Site Reliability Engineer, Infrastructure Management

Duration: February 2019 – September 2019

Summary: Maintenance and operation of Fave's existing infrastructure on AWS, transitioning to GCP, and ensuring smooth operations for developer provisioning requests.

Responsibilities: Infrastructural operation and maintenance, handling developer requests for new instances and setups.

Technologies: Ansible, Linux, Amazon AWS, GCP

Senior Engineer, Fave Web Platform Enhancement

Duration: February 2018 – February 2019

Summary: Enhancement of Fave's Phoenix/Elixir umbrella app, performance optimization, and development of new web services.

Responsibilities: Building and optimizing web applications, replacing legacy



APIs, and creating a QR Code scanner view.

Technologies: Phoenix/Elixir, Postgresql, React/Redux, Neo4j

CTO/Fullstack Developer, CMMS Reimplementation

Duration: February 2016 – February 2018

Summary: Prototype and reimplementation of a Computerised Maintenance Management System with real-time messaging and graph database integration.

Responsibilities: Prototyping, implementing a new platform with real-time features, and updating the database to Neo4j.

Technologies: Phoenix/Elixir, Postgresql, Neo4j, Angular

Backend Developer, Touristly.com Backend Development

Duration: July 2014 – January 2016

Summary:

- Backend development and optimization for the first versions of Touristly.com, improving site performance with caching strategies

Responsibilities: Spearheaded backend development, site performance optimization, and caching implementation.

Technologies: Ruby on Rails, MySQL

EDUCATION

- **Bachelor of Technology (Hons.), Information Technology**

Graduated from Universiti Teknologi Petronas in August 2004.

4 years

