

# 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

<b>Main Technical Skills</b>	Elixir Phoenix (5 yr.), PostgreSQL (5 yr.), Ruby on Rails (2 yr.), React, Neo4j (2 yr.)
<b>Programming Languages</b>	Go, Rust
<b>JavaScript Frameworks</b>	Angular, React
<b>Salesforce Ecosystem</b>	Apex DataLoader
<b>AI &amp; Machine Learning</b>	LLM
<b>Ruby Frameworks</b>	Ruby on Rails (2 yr.)
<b>Databases &amp; Management Systems / ORM</b>	MySQL (2 yr.), Neo4j (2 yr.), PostgreSQL (5 yr.)
<b>Cloud Platforms, Services &amp; Computing</b>	Fastly, GCP
<b>Amazon Web Services</b>	AWS S3
<b>Azure Cloud Services</b>	Azure Blockchain
<b>Deployment, CI/CD &amp; Administration</b>	Ansible
<b>BlockChain and Decentralized Software</b>	Azure Blockchain, Cryptography, ETH (Ethereum blockchain)
<b>SDK / API and Integrations</b>	GraphQL
<b>Methodologies, Paradigms and Patterns</b>	SOLID

<b>QA, Test Automation, Security</b>	XCUITEST
<b>Other Technical Skills</b>	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

