

# MUHD SAFWAN ZARIF BIN YA'COB

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Problem-solving enthusiast with 5+ years of experience in software application development, specializing in web app integration, backend development and root cause debugging. Proven ability to deliver end-to-end solutions both independently and collaboratively – from requirements gathering and analysis to database design, API development, UI/UX implementation, integration, testing and deployment. Skilled in mentoring team members and clearly communicating technical concepts to non-technical stakeholders.

## WORK EXPERIENCE

### Software Application Specialist (February 2022 – current)

iLaunch Sdn Bhd, Shah Alam

- **Developed solutions for a feedback management system and a professional board's forms and financial management system**, ensuring they meet web and mobile applications requirements.
  - **Stack:** Nestjs (Typescript), Nodejs (JavaScript), Springboot (Java), Vue (Javascript), Vite, Flutter, MySQL, OracleDB, SVN
- **Researched and developed new or custom features and third-party integrations; shared internal how-to guides** that reduced team development time by 20%.
- **Collaborated with senior project managers and analysts** to design effective data structures and UX approaches for specific requirements, while actively identifying and discussing potential risks.
- **Reduced user-tested rejection rate by 75%** by clearly identifying and communicating design limitations as well as outlining its advantages to clients, offering effective alternatives where needed.
- **Conducted a web development workshop as a trainer**, introducing the technologies used in our projects to the client
- **Led developer teams as Scrum Master**, improving team cohesion, enhancing communication with the project manager, and increasing velocity by 10%.

### Interns Supervisor (March 2022 – April 2025)

iLaunch Sdn Bhd, Shah Alam

- **Managed and trained five groups of internship students** from various local universities **on the complete application development workflow**, including requirements gathering, full-stack development, manual and automated testing, debugging, and deployment.
  - **Stack:** Nodejs (JavaScript), Nestjs (Typescript), Vue, Vite, Flutter, MySQL, SVN, Git, Github, Selenium, Netlify, NGINX, DigitalOcean
- Assigned **real project tasks** and facilitated team progress using **agile methods with JIRA and Notion**, ensuring hands-on experience, **effective collaboration and accelerated milestone completion**.

### Technical Team Lead (April 2021 – January 2022)

Azure Innovations Sdn Bhd, Kuala Lumpur

- **Led a diverse team of multinational developers, including senior engineers**, in delivering new features and maintaining a suite of web and mobile applications for a major Malaysian telco company.
  - **Stack:** Nodejs, Laravel (PHP), React Native, MySQL, MongoDB, AWS EC2, NGINX, Git, BitBucket, AWS Codecommit, JIRA
- **Designed and developed effective solutions** for an e-commerce implementation, an ads and reward system, a Buy Now Pay Later implementation and a courier service integration.

## CERTIFICATIONS

- AWS Certified Solution Architect – Associate
- Microsoft Certified: Azure Fundamentals

## DEVELOPMENT STACK

(In Order of Proficiency)

### Programming Language:

Javascript, Typescript, Python, Java, PHP, Rust, Kotlin, C++

### Full stack Frameworks:

Springboot, Laravel

### Backend Frameworks:

Nodejs, Nestjs

### Database Management:

MySQL, Mongodb, OracleDB, PostgreSQL, Mongodb, Firestore

### Frontend Frameworks:

Vuejs, React, Svelte, Astro, NextJS, Vike

### Mobile App Frameworks:

React Native, Flutter, Expo

### Cloud Suites:

AWS, DigitalOcean, Microsoft Azure, GCP

### Version Control:

Git, SVN, Github, BitBucket, AWS Codecommit

### Build Tool:

Vite

### Testing:

Selenium, Jest

### DevOps:

NGINX, Docker, Jenkins

### CSS:

Bootstrap, Tailwind

### JS Library:

jQuery

## EDUCATION

### Multimedia University, Cyberjaya

Bachelor of Computer Science (Hons.):  
Information System  
CGPA: 3.71

### MARA College, Banting

IBDP (Engineering)  
IB SCORE: 35

### SMS Selangor, Cheras

SPM: 6A+ 3A

## WORK EXPERIENCE (CONTINUED)

**Backend Developer** (March 2020 – March 2021)

*Azure Innovations Sdn Bhd, Kuala Lumpur*

- **Focused on data management and computation solution** for an inventory and content management system tailored for B2B clients.
  - **Stack:** Laravel (PHP), Nodejs, React Native, MySQL, MongoDB, Git, BitBucket, AWS EC2, JIRA
- **Handled on-call reports and incident responses**, delivering prompt analysis and effective debugging strategies — consistently meeting 100% of deadlines and SLA requirements.

## LANGUAGE

- English – Fluent
- Malay – Native
- Japanese – Basic