

Izzul Syahmi – Senior Software Engineer

Full-Stack, Fintech & SaaS • izzul.dev • izzulsyahmi2110@gmail.com

SUMMARY

Senior Software Engineer with 5+ years building and scaling fintech and SaaS products, largely at fast-paced startups. Lead a B2B investment platform overseeing RM20M+ in assets end to end, from stakeholder requirements and architecture to Terraform-managed AWS infrastructure. Scale MVP-era systems for high concurrency, build automated testing into CI/CD, and mentor engineers through code reviews. Bootstrapped a SaaS to nearly 20,000 users and 700+ paying customers.

SKILLS

Languages & Frontend: TypeScript, JavaScript, React, React Native, Next.js, Storybook

Backend & Data: Node.js, Express, NestJS, Python, FastAPI, PostgreSQL, SQL, NoSQL (Firestore, MongoDB), REST APIs

Cloud & Architecture: Amazon Web Services (AWS), Terraform, Docker, Microservices, GitHub Actions, CI/CD

Testing & Mobile Delivery: Jest, React Testing Library, Cypress, pytest, Expo Application Services (EAS)

EXPERIENCE

Senior Engineer

RedSquare Software – Kuala Lumpur, Malaysia

August 2025 – Present

- Lead end-to-end engineering for Fortefi, a B2B investment platform delivered for a RedSquare client and overseeing RM20M+ in assets.
- Translate stakeholder and regulated-product requirements into practical architecture and delivery plans while balancing business priorities with engineering capacity.
- Established and now oversee Terraform-managed AWS microservices infrastructure supporting repeatable deployments and controlled production changes.
- Reduced average JomelInvoice API latency by 83% (3.0s → 0.5s) in high-concurrency JMeter stress tests; traced bottlenecks with OpenTelemetry, then cut ORM database round trips, optimized SQL, and added caching.
- Created an independent Excel financial model to validate complex calculations, accelerate implementation, and verify application outputs against a trusted reference.
- Integrated automated tests into Git-based CI/CD and AWS deployment workflows; support teammates through architecture decisions, code reviews, and peer guidance.

Full-Stack Engineer

Econommi – Vancouver, Canada

September 2023 – August 2025

- Rebuilt React and TypeScript investment and dealership workflows, expanding test coverage to reduce defects and accelerate feature delivery.
- Modernized an Express backend to NestJS using dependency injection, structured validation, and modular boundaries, improving maintainability and production reliability.
- Built a Xero API integration that automated invoicing, payment reminders, and reconciliation for investment and vehicle-lease workflows.
- Designed and built a Solidity and Flow EVM application enabling real-world asset purchases with USDC through MetaMask; helped secure a US\$100K Flow ecosystem grant.
- Improved engineering quality through systematic code reviews, TypeScript standards, testing practices, architectural guidance, and developer mentoring.

Frontend Software Engineer

Econommi – Vancouver, Canada

July 2021 – September 2023

- Improved React Native page loading, navigation, and UI-rendering performance by approximately 20% through profiling and targeted optimization.
- Automated mobile build and release workflows using Expo Application Services and CI/CD.
- Reduced UI and feature-development time by approximately 35% across multiple products by creating an Atomic Design and Storybook component system.
- Built DealerFlow for multiple dealerships, contributing to approximately 20% higher car sales and 15% less lease-administration time.
- Developed ActiveCore, an internal portal that streamlined leasing workflows and helped support teams manage operational requests.

Founder | Part-time Full-Stack Engineer

Majlisku.com – Self-employed

March 2024 – Present

- Bootstrapped a digital invitation and RSVP SaaS alongside a full-time engineering role, owning product strategy, design, development, analytics, customer feedback, and releases.
- Orchestrate AI agents as a virtual team for development, design, and marketing, directing and reviewing their work; the product is now largely maintained through these agentic workflows.
- Built and launched a product that continues acquiring users and has reached nearly 20,000 users and approximately 700 paying customers without paid advertising.
- Developed a Next.js and Firebase platform with a drag-and-drop invitation editor, personalized guest links, a template marketplace, real-time RSVP tracking, and a gift registry.
- Instrumented GA4 events, funnels, and cohort analysis to identify user drop-offs and prioritize product improvements.

EDUCATION

Bachelor of Applied Science in Electrical Engineering

University of British Columbia | 2021