MOHD. IZZAT FAHMI SUHAIMI

SENIOR FULL-STACK ENGINEER | JAVA & SPRING BOOT | REACT & TYPESCRIPT | AWS
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PROFESSIONAL SUMMARY

Backend-first full-stack engineer with 8+ years building reliable business systems and the integrations that connect them, across insurance, banking, financial compliance and SaaS. Strong in Java, Spring Boot and REST, composite and batch APIs, with recent React/TypeScript delivery for a US insurance portal. Experienced in microservices modernization, Level 3 production support and keeping releases stable. Uses AI coding agents for requirements-led development while staying accountable for review and code quality. Open to senior full-stack and backend roles across B2B SaaS, enterprise software and platform teams.

CORE STRENGTHS

System integration & APIs: connecting multiple backend systems behind one product experience; REST, composite and batch APIs; reusable integration services shared across product lines.

Modernization: moving monolithic Java applications toward microservices, including data synchronization between legacy and new services.

Production reliability: Level 3 incident investigation, root-cause analysis, SQL and application performance fixes on business-critical systems.

Release & quality engineering: resolving release-branch conflicts, unit, API and end-to-end testing, code-quality gates (SonarQube) and CI/CD, backed by a dedicated QA role earlier in my career.

Security-aware delivery: role-based access control, data integrity and compliance workflows (AML), abuse protection on public APIs (bot checks, rate limits, spend caps).

AI-assisted engineering: structured briefs for AI coding agents (requirements, API samples, engineering guidelines) with human review of every change.

TECHNICAL SKILLS

Backend & APIs: Java, Spring Boot, REST, composite and batch APIs, microservices, Node.js/Express, Oracle PL/SQL, Gosu

Frontend: React, TypeScript, JavaScript, Next.js, Guidewire Jutro, Vue.js

Cloud, data & delivery: AWS (SES/SQS), Microsoft Azure, OpenShift, Docker, Oracle, PostgreSQL, SQL Server, MySQL, Redis, Jenkins, GitHub Actions, GitLab CI, Git, Bitbucket

Quality, AI & ways of working: unit, API and end-to-end testing (Playwright, Postman), accessibility testing (axe), SonarQube, code review, AI-assisted development (Claude, Gemini, OpenAI), L3 support, Agile/Scrum/SAFe

Platforms: Guidewire Cloud APIs, PolicyCenter, BillingCenter

PROFESSIONAL EXPERIENCE

PwC Acceleration Centers | Kuala Lumpur, Malaysia

Senior Associate - Full-Stack Developer (Guidewire Digital Portal) | Oct 2025 - Present

- Build React/TypeScript portal features on Guidewire Jutro for a US insurance program, working with onshore US stakeholders, QA and engineers across time zones.
- Implemented multi-policy changes with composite and batch Cloud API requests, consolidating operations to cut unnecessary API round trips.
- Built a reusable external risk-scoring integration service shared across multiple insurance product lines.
- Built a policyholder document view that consolidates documents from PolicyCenter and BillingCenter, including role-based API access for portal users.
- Delivered end-to-end workflows covering driver assignment, quote and policy summaries, submission handling and backend data mapping in Gosu.

- Investigated and resolved functional defects across underwriting, quoting, contact management and policy servicing, keeping behaviour consistent across integrated systems.
- Resolved 32 failed release-branch merges and fixed UAT/smoke-test defects in driver, vehicle, phone validation and authorization workflows to keep releases on schedule.
- Contributed to 100 merged pull requests across 13 repositories, with 90 authored non-merge commits (Apr-Oct 2026).
- Orchestrate company-developed AI coding agents (Claude, Gemini and OpenAI models) for features and defect fixes: break down Jira requirements, supply screenshots, API samples and engineering guidelines, and review every change against coding standards.

Allianz Technology | Kuala Lumpur, Malaysia

Life Core Developer | Sep 2024 - Oct 2025

- Maintained and enhanced business-critical life insurance applications using Oracle PL/SQL, Forms and Reports, implementing changes to established policy administration workflows.
- Owned Level 3 investigations for incidents escalated from frontline support: root-cause analysis, defect fixes and technical resolutions.
- Troubleshot application and database performance issues, implementing fixes and optimizations that improved stability and responsiveness.
- Applied data integrity, access control and security practices when changing business-critical applications.
- Worked with business analysts and stakeholders on technical specifications, and supported unit, integration and user acceptance testing (UAT) through to sign-off.

Beyondsoft (Malaysia) Sdn. Bhd. | Kuala Lumpur, Malaysia

Java Developer - regional life insurer's digital platform | Mar 2023 - Aug 2024

- Developed Java and Spring Boot REST APIs that retrieve OCR results and capture reviewed or corrected information for compliance records.
- Implemented backend validation and quality control for automatically extracted document data, and Anti-Money Laundering (AML) enhancements.
- Worked with frontend engineers on React interfaces for reviewing OCR results, validating extracted fields and managing corrections; ran integration testing across backend and frontend.
- Investigated complex application issues with business analysts and IT architects.
- Optimized application code, wrote unit tests and used SonarQube for code-quality checks; supported CI/CD with Bitbucket, Jenkins and Microsoft Azure.

Hitachi eBworx, then Hitachi Digital Host | Petaling Jaya, Malaysia

Application Engineer - regional bank's digital banking platform | May 2020 - Sep 2022

- Hitachi eBworx (May - Oct 2020): maintained and enhanced the bank's legacy digital banking platform, building Java features and integrations and fixing production issues.
- Hitachi Digital Host (Nov 2020 - Sep 2022): moved to its subsidiary for digital banking and insurance solutions, and was tasked with modernizing the platform: a microservices architecture with API-first Spring Boot services on PostgreSQL, cloud services and DevOps delivery.
- Built system integration and data synchronization between legacy and new services during the migration.
- Investigated and resolved defects and production issues with cross-functional teams; implemented and deployed approved changes.
- Delivered across Java, Spring Boot, Struts 2, JavaScript/TypeScript and React, with Oracle SQL and PostgreSQL, releasing through GitLab, Jenkins and OpenShift.

Vetter Software (now DaySmart Vet) | Subang Jaya, Malaysia

Software Quality Assurance Engineer | Aug 2019 - Jan 2020

- Performed manual, API and automated testing of veterinary SaaS modules using Postman, Insomnia and Ghost Inspector; documented defects and test outcomes.

Junior Software Engineer | Jan 2018 - Jul 2019

- Developed full-stack veterinary practice management modules covering electronic health records, scheduling, inventory, billing and reporting, using PHP, JavaScript, Vue.js and MySQL.
- Contributed to backend modernization with CodeIgniter, Laravel and Lumen, moving services toward a microservices-oriented architecture.
- Integrated AWS Simple Email Service (SES) for email delivery and Simple Queue Service (SQS) for asynchronous processing, within Agile, GitLab CI/CD delivery.

Software Engineer Intern | Jul 2017 - Dec 2017

- Built features with HTML, CSS, JavaScript, PHP and MySQL in an Agile SaaS team, including an AWS SES email integration.

SELECTED PROJECTS

zenntkaixa.dev: portfolio with a live AI delivery-plan estimator | Next.js, TypeScript, Claude API

- Visitors describe a feature, pick team size, seniority and working style, and get a phased timeline, task table and MYR budget from Claude, validated against a schema before display.
- Public API protected by Cloudflare Turnstile, Redis-backed (Upstash) rate limiting, a daily spend cap, input limits and strict security headers.
- 266 unit tests and 100+ Playwright end-to-end tests, including keyboard and accessibility (axe) checks, run in GitHub Actions on every pull request; deployed on Vercel.
- Built with AI coding agents under a pull-request workflow (develop and main branches, review before merge).

radiozk: lossless web radio player | React, Node.js/Express, PostgreSQL, Docker

- Streams FLAC over HLS with an automatic AAC fallback, shows what's playing, and stores per-track listener ratings in PostgreSQL.
- Express 5 API with per-IP rate limiting and request validation; unit, API, UI and Playwright tests in GitHub Actions; Docker Compose for production and development; deployed on Render.
- 176 merged pull requests across personal projects since Oct 2026, many of them small AI-assisted changes I reviewed (github.com/zenntkaixa).

CERTIFICATIONS & TRAINING

AWS Certified Solutions Architect - Associate | 2025

Guidewire Certified Associate - InsuranceSuite Developer (Palisades) | 2026

Guidewire Certified Associate - Jutro Developer (Mammoth) | 2026

EC-Council Certified Blockchain Professional v2: Developer and Business Leaders tracks | 2025

Professional training: Anthropic Claude Code 101; Google AI Essentials | 2026

EDUCATION

Bachelor of Computer Science (Software Engineering) with Honours | Universiti Tun Hussein Onn Malaysia | 2018

LANGUAGES

Malay (native) | English (full professional proficiency)