

MOHD SHAKIR

Senior Full Stack Developer | Tech Lead | System Architecture | API Integration
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Malaysian | Kuala Lumpur, Malaysia

PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 7+ years of experience delivering enterprise-grade, scalable web applications across fintech, e-commerce, and healthcare domains. Proficient in RESTful API development, microservices architecture, relational and NoSQL databases, CI/CD pipelines, and cloud infrastructure (AWS SAA-C03 Certified). Experienced in leading engineering teams, conducting code reviews, and mentoring junior developers while collaborating with product owners, UX/UI designers, and business stakeholders in Agile/Scrum environments. Proven track record in regulated enterprise environments, with a strong commitment to secure coding standards (OWASP), clean code practices, and engineering excellence.

KEY ACHIEVEMENTS

- Led Oracle Netsuite API Integration at Borong Malaysia — automated finance tracking, vendor invoicing, and customer payment processing, significantly improving operational efficiency.
- Designed and deployed a custom Single Sign-On (SSO) system using OAuth/JWT, reducing authentication processing time by 40% and improving platform-wide security.
- Drove large-scale database query optimization, code refactoring, and production incident resolution across multiple enterprise platforms (Borong Malaysia, Hatch Health, Allsome Planet).
- Built scalable CMS and e-commerce solutions for healthcare and SME sectors with multi-language support, role-based access control, and secure payment gateways.
- Won two consecutive internal hackathons at Borong Malaysia, delivering automation tools and business process innovations under competition conditions.

TECHNICAL SKILLS

Frontend	JavaScript (ES6+), TypeScript (familiar), HTML5, CSS3, SASS, TailwindCSS, Bootstrap, jQuery, Responsive & Cross-Browser Development
Frameworks	Laravel (PHP/OOP), Node.js (familiar), React/Vue (familiar), RESTful & GraphQL APIs, Microservices Architecture
Databases	MySQL, MongoDB, Redis, SQL Query Optimization, Data Modeling, Relational & NoSQL Systems, Oracle (via Netsuite API)
Cloud & DevOps	AWS (SAA-C03 Certified), Docker, DigitalOcean, CI/CD Pipelines, GitHub Actions, Git Workflows, Containerization
Security & QA	JWT & OAuth Authentication, OWASP Secure Coding, Unit Testing (PHPUnit), API-Level & Integration Testing
Architecture	System & Solution Design, Third-Party API Integration, SSO Implementation, Application Modernization, Performance Optimization
Methodologies	Agile / Scrum, Sprint Planning, Technical Grooming, Code Reviews, Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer cum Tech Lead – Group Technology |

Borong Malaysia *July 2023 – Present*

- Architected and scaled Borong's wholesale B2B marketplace platform — ensuring high availability, performance optimization, and seamless user experience.
- Designed and maintained RESTful microservices and third-party API integrations, including Oracle Netsuite for automated finance tracking, vendor invoicing, and customer payments.
- Built and deployed a custom Single Sign-On (SSO) system using OAuth/JWT, reducing login redundancies and cutting authentication time by 40% across all Borong platforms.
- Collaborated with product owners, CTO, UX/UI designers, and QA engineers in Agile/Scrum ceremonies — sprint planning, backlog grooming, and technical design reviews.
- Led a team of developers: enforced clean code standards, conducted pull request reviews, and mentored junior engineers to sustain a high-performing engineering culture.
- Collaborated with frontend engineers on a Quasar-based Field Sales mobile application, optimizing API contracts and data synchronization for Android and iOS.
- Optimized MySQL and Redis database performance, refactored inefficient legacy code, and resolved production incidents — maintaining system reliability at scale.
- Maintained PHPUnit test suites (unit and integration) to ensure code reliability and support confident continuous deployment.
- Supported Docker-based containerization and CI/CD pipeline practices for streamlined and consistent deployment workflows.
- Created architectural documentation, API specifications, and contributed to technology evaluation and stack improvement proposals.

Mid-Level Backend Developer | Hatch Health Pte Ltd *May 2022 – July 2023*

- Developed and maintained a scalable, multi-language CMS for healthcare professionals with role-based access control in a regulated enterprise environment.
- Built secure RESTful APIs consumed by Android and iOS mobile applications, ensuring reliable and performant content delivery.
- Implemented JWT authentication, data encryption, and OWASP-aligned secure coding practices to safeguard sensitive healthcare data.
- Collaborated with frontend developers to align API design with UX requirements and ensure seamless cross-platform experiences.
- Performed MySQL query optimization and performance tuning, reducing response times and improving overall application throughput.
- Implemented comprehensive API-level unit testing (PHPUnit) to validate authentication flows, data integrity, and endpoint correctness pre-deployment.

PHP Web Developer | Allsome Planet Sdn Bhd *January 2022 – May 2022*

- Maintained and enhanced a logistics and e-commerce platform, integrating third-party APIs (Teleport, Uploadcare) to automate workflows and improve image management.
- Optimized backend SQL queries to reduce load times and improve application performance; managed day-to-day production stability and incident resolution.

Laravel Web Developer | [Hezmedia Interactive Sdn Bhd](#) *August 2021 – January 2022*

- Built a custom Laravel-based e-commerce platform for SME clients, including secure payment gateway integration, responsive frontend, and backend optimization.
- Worked closely with the marketing team to align platform functionality with business goals and customer journey requirements.

Web Developer | [iReal Academy Sdn Bhd](#) *August 2019 – July 2021*

- Developed and maintained the company website using WordPress; implemented event registration flows, online payment integrations, and marketing landing pages.

Junior Web Developer | [Myservices Sdn Bhd](#) *November 2016 – October 2017*

- Developed client websites and custom CMS solutions using Laravel; supported senior developers on full-stack projects end-to-end.

EDUCATION & PROFESSIONAL CERTIFICATIONS

- Bachelor of Science (Hons) in Information Technology — In Progress (Expected 2028)
- Diploma in Computer Science — Universiti Teknologi Mara (UiTM), 2017
- AWS Certified Solutions Architect – Associate (SAA-C03) — Amazon Web Services, 2025
- Certified Blockchain Professional – Developer (BDC), 2025
- Certified Blockchain Professional – Business Leaders (BBLC), 2025

ADDITIONAL INFORMATION

Nationality	Malaysian
Languages	English (Professional Proficiency), Bahasa Malay (Native)
Location	Kuala Lumpur, Malaysia — Available for onsite work
Availability	2 months' notice