

AHMAD SOLIHUDDIN DZIYA'UZZAMAN

Senior Full-Stack & Lead Software Engineer

📍 Cyberjaya, Selangor (Originally: Kemaman, Terengganu)
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🌐 Portfolio: <https://dziya-tech.com/>



PROFESSIONAL SUMMARY

Accomplished Full-Stack Software Engineer with over 5 years of professional expertise architecting, developing, and deploying high-impact enterprise web and mobile applications. Proven track record collaborating with high-profile Malaysian government ministries and agencies (including JDN, SPAN, SWCORP) to integrate complex core systems. Extensively proficient across modern web and mobile ecosystems (Next.js, Angular, Vue.js, React, Flutter, Laravel, Node.js). Recognized for technical leadership in managing end-to-end cloud deployment pipelines, facilitating critical SRS/SDS workshops, authoring integration documentation, and delivering AI-driven enterprise features.

CORE TECHNICAL SKILLS & COMPETENCIES

Backend Development	Laravel, PHP, RESTful API Design & Integration, Node.js, Microservices Architecture, Pure PHP
Frontend Web Ecosystem	Next.js, Angular, Vue.js, React.js, Inertia.js, Livewire, Alpine.js, Tailwind CSS, Bootstrap-Vue, HTML5, CSS3
Mobile Development	Flutter, Dart, Android Delivery Preparation (AAB generation), iOS Build & Release Support via JDN Channels
DevOps, Cloud & Systems	Git, GitLab CI/CD Automation (Corporate Trainer), GitLab Runner Monitoring, Docker, Kubernetes, Nginx, Apache, Linux OS
Databases & Architecture	MySQL, MariaDB, MS SQL, Database Schema Normalization, Software Requirements Specification (SRS), System Design Specification (SDS)

PROFESSIONAL EXPERIENCE

Full-Stack Developer , Software Engineer | Fotia Solutions Sdn Bhd

June 2026 – Present

- Core Responsibilities:** Code, maintain, and upgrade production-grade web, mobile, and backend ecosystems for mission-critical government platforms while driving structural feature architecture and providing hands-on engineering team mentorship.
- Project Evetting 3.0:** Engineered a comprehensive multi-platform infrastructure using **Flutter** for mobile apps, **Angular** for administrative portals, and **Laravel** for core API management. Managed secure package compilation (AAB & iOS configurations) for final production deployment to **Jabatan Digital Negara (JDN)**.
- Enterprise Data Warehouse (EDW):** Scaled the national data repository website using **Next.js** and designed optimized RESTful APIs for cross-agency systems. Moderated key integration, **SRS** (Software Requirements Specification), and **SDS** (System Design Specification) workshops, and authored detailed technical integration guidelines.

- **GitLab CI/CD Enablement:** Served as the corporate DevOps advocate, architecting and delivering specialized GitLab training sessions covering branching workflows, repositories, and continuous integration methodologies.
- **EPS (Eprotective Security) CGSO:** Directed full-stack enhancement pipelines, deployed critical software updates, and resolved high-priority technical bugs to maximize platform availability.

Full-Stack Developer (Contract) | Triumphant Gallery Sdn Bhd

February 2025 – March 2025

- **ArchidAsia Platform:** Architected and deployed a clean, responsive e-commerce web platform from the ground up using **Laravel, Vue.js, Inertia.js, and Bootstrap-Vue**.
- **Database Engineering:** Conducted core client requirement mapping to design, optimize, and thoroughly normalize the main production database schemas.

Full-Stack Developer (Contract) | InspireNow Sdn Bhd

September 2024 – December 2024

- **KardAsia Platform:** Engineered an innovative web identity platform utilizing **Laravel, Livewire, Alpine.js, and Tailwind CSS**.
- **OpenAI API Engineering:** Developed data analysis sub-modules by interfacing with OpenAI models to evaluate user capabilities and provide automated skill recommendations.

Website & Mobile Developer | kubeNative Sdn Bhd

March 2022 – September 2024

- **Growth Trajectory:** Appointed to a full-time engineering role following the successful completion of a rigorous 6-month internship program.
- **iHasil Kedah (Kedah Government):** Built a secure decoupled revenue engine using **Laravel, Vue.js, and Inertia.js** inside a microservices structure, interfacing directly with official financial systems like **Ispeks** and **SPTB**.
- **State Infrastructure Gateways:** Co-developed regulatory management pipelines for **EKWSMP (SPAN)** and **iSPEMOS (SWCorp)**. Rewrote and scaled the automated monthly payment and invoice calculation engine (**SPBP**) to Version 2 using **React.js and Node.js** to stream live transactions directly into the national **SAGA system**.

IT Infrastructure Support & Computer Technician | Various Technical Roles (Haynik, Juricco, Duracom)

January 2021 – October 2021

- **Enterprise Maintenance:** Provided on-site diagnostic maintenance on government IT infrastructures, optimizing server topologies, resolving hardware defects, and securing network connectivity.

PERSONAL PROJECTS & INDEPENDENT DEVELOPMENT

- **NisaCare (Mobile Application):** Developed a modern, Muslimah-focused mobile application featuring complex menstrual and nifas tracking logs, predictive cycle calculators, qada trackers, push notifications, and bilingual support using **Flutter, Laravel, and Firebase**.
- **GitLab Runner Monitor (Mobile):** Designed and deployed a dedicated utility application tracking operational server resource allocations, live runner execution metrics, and CI/CD error alerts.
- **Absolute Love (Web Application):** Designed a responsive web portal emphasizing progressive UI/UX principles, smooth component interactions, and custom styles.
- **Enterprise System Enhancements:** Independently built and scaled full-stack web platforms including the **Tamayyuz Management System** (advanced data reporting), **Bright Scholar Academy** (education management), **Iqaryah** (community contribution framework), and **EzKlinik** (integrated with web-scraping components for public PekaB40 and HSP profiles).

EDUCATION

Bachelor of Software Engineering (Graduated 2022)

Universiti Pendidikan Sultan Idris (UPSI), Tanjung Malim, Perak

High School Certificate (Completed 2017)

SMK Sultan Ismail, Kemaman, Terengganu

ADDITIONAL INFORMATION

- **Languages:** Malay (Native), English (Professional Fluent), Arabic (Intermediate)
- **Core Strengths:** Complex Problem-Solving, Cross-Functional Collaboration, Technical Mentoring, Agile Team Leadership
- **References:** Excellent professional references (including CEO and Academic Lecturers) available upon request.