

FADEL NUARIKO

Software Engineer

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with over 8 years of experience designing, developing, and deploying production-grade web and mobile applications. Proven track record leading technical architecture, full-stack development, and DevOps initiatives across enterprise ERP, government (SPBE), IoT, and fintech-adjacent domains. Skilled in JavaScript/TypeScript, Python, PHP, Golang, and Dart (Flutter), with strong expertise in microservices, containerization (Docker), CI/CD pipelines, and relational and NoSQL database systems. Adept at mentoring development teams, translating business requirements into scalable solutions, and shipping reliable software on schedule.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, PHP, Golang, Dart, SQL

Frontend Frameworks: React.js, Next.js, AngularJS, jQuery

Backend Frameworks: Express.js, Node.js, Laravel, CodeIgniter, Django, Flask, Gin (Golang)

Mobile Development: Flutter (iOS & Android), React Native, Firebase Cloud Messaging (FCM), Face Recognition

Databases: PostgreSQL, MySQL, Oracle 19c, MongoDB, Elasticsearch

DevOps & Cloud: Docker, GitHub Actions (CI/CD), Ubuntu Server, Nginx, Rancher

ERP & Integration: Odoo (ERP development & customization), REST APIs, MQTT, RFID, NodeMCU/ESP32

Architecture & Practices: Microservices, RESTful API design, Containerization, Code Review, Team Mentoring, Agile Delivery

PROFESSIONAL EXPERIENCE

HRIS Consultant

Oct 2024 – Present

PT. Binayasa Putra Batara | Project-Based

- Architected and developed a cross-platform mobile attendance application for Android and iOS, delivering a seamless and reliable daily check-in experience for enterprise users.
- Engineered a robust, scalable backend system using Laravel (PHP) to manage secure RESTful APIs, data synchronization, and complex organizational hierarchies.
- Successfully deployed the application enterprise-wide, actively supporting daily attendance operations and tracking for over 3,000 employees across various PT Bank Tabungan Negara (BTN) Indonesia units and branch offices.
- Optimized server performance and database queries to ensure high availability and fast response times during peak concurrent login hours.

IT Software Developer

Feb 2023 – Present

PT. Diesel Utama Indonesia | Full-time

- Designed, developed, and shipped a cross-platform employee attendance mobile application using Flutter, successfully publishing to both the Apple App Store and Google Play Store.
- Customized and maintained Odoo ERP modules to align with business processes across multiple operating entities in heavy equipment, mining, plantation, and forestry sectors.
- Administered Linux/Ubuntu production servers and engineered automated CI/CD pipelines using GitHub Actions, reducing manual deployment overhead and improving release reliability.
- Integrated Firebase Cloud Messaging (FCM) and face recognition into mobile workflows to enable secure, real-time employee verification and notifications.

Lead Developer

PT. Sangkuriang International | Project-Based

Jun 2022 – Feb 2023

- Led architecture and end-to-end development of two national e-Government (SPBE) applications for Indonesian ministries and agencies:
 - REDKAR (Relawan Pemadam Kebakaran) — Volunteer Management System for Dinas Pemadam Kebakaran (Fire Department).
 - SIJAFPOLPP (Sistem Jabatan Fungsional Polisi Pamong Praja) — Functional Position Recommendation System for Kementerian Dalam Negeri (Ministry of Home Affairs).
- Designed microservices architecture using Express.js and Next.js, containerized with Docker and orchestrated via Rancher to ensure scalability and high availability.
- Managed project timelines, coordinated with government stakeholders and cross-functional teams, and delivered both applications on schedule.
- Implemented Oracle 19c database integration to meet enterprise data governance and compliance requirements.

Lead Developer

PT. Batara Guru Teknologi | Full-time

Oct 2019 – Nov 2022

- Led technical architecture and full-stack development of multiple production applications using Flutter, Laravel (PHP), Golang (Gin), Python, and Express.js.
- Managed end-to-end product development spanning mobile applications, backend REST APIs, and microservices deployed on Ubuntu/Docker infrastructure.
- Mentored junior and mid-level engineers, established code review standards, and championed engineering best practices across the development team.
- Key projects delivered:
 - Social Media Analysis Application — real-time sentiment and engagement analytics platform.
 - WhatsApp Monitoring Application — message tracking and compliance system.
 - Personal Data Identification Application — automated PII detection and classification tool.

Web Developer

PT. Epsilon Global | Full-time

Jan 2019 – Jun 2019

- Developed an internal Customer Relationship Management (CRM) system using Laravel 5.8 and AngularJS to streamline sales pipeline tracking and customer engagement.
- Built a custom e-commerce platform using native PHP, including product catalog, shopping cart, and order management workflows.

Lead Developer

PT. Alita Praya Mitra | Project-Based

Aug 2018 – Nov 2018

- Led IoT application development for X-Camp Rumah IoT Indonesia, integrating hardware and software for connected facility management.
- Engineered RFID-based access control, electrical resource booking, and centralized device management dashboards.
- Implemented MQTT messaging protocol with NodeMCU/ESP32 microcontrollers, React Native mobile clients, and PHP/MySQL backend services.

IT Support & Web Developer

CV. Wirelesslyindo | Full-time

Jan 2017 – Jan 2018

- Designed and developed custom web applications and company profile websites for a diverse client portfolio.
- Supported deployment of CCTV surveillance systems and Fiber Optic infrastructure projects, working alongside field engineering teams.
- Provided technical support, system troubleshooting, and ongoing maintenance for client web platforms.

EDUCATION

Bachelor's Degree in Informatics

Universitas Indraprasta PGRI, Jakarta

2017