

PRASADA ARIF NURUDIN

AI-Augmented Software Engineer | Mobile & ERP Developer

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PROFESSIONAL SUMMARY

Results-driven Mobile & ERP Engineer with 4+ years of experience across Flutter, Kotlin, Laravel, and Odoo ERP, now specializing in AI-Augmented and Agentic Software Development. Proven ability to independently design, build, and deploy production-grade business applications end-to-end using AI coding agents (Claude Code) — from requirements and architecture through implementation and deployment — without a traditional development team. Combines solid software engineering fundamentals with hands-on AI prompt engineering and workflow automation to compress delivery timelines while maintaining clean, maintainable architecture. Experienced in leading IT operations, coordinating cross-functional teams, and aligning emerging AI-driven development practices with business growth.

CORE COMPETENCIES

- **AI-Augmented Development:** Agentic Coding & AI Coding Agents (Claude Code), AI Prompt Engineering (OpenAI, Claude), AI Pair Programming, End-to-End AI-Driven Application Development, AI-Powered Chatbot Development, Automated Workflows, Logic Validation, AI-Assisted Code Refactoring & Debugging.
- **Mobile Development:** Flutter (Cross-platform), Kotlin (Native Android), Dart, Mobile UI/UX, State Management.
- **Backend & Web:** Laravel, Vue.js, PHP, JavaScript, RESTful API Design, Role-Based Access Control (RBAC).
- **ERP Systems:** Odoo ERP (Customization, Workflow Automation, Module Development, REST API Integration).
- **Real-Time Communication:** VoIP, PJSIP Integration, SIP.js, Call Event Handling, WebSocket.
- **Infrastructure & Tools:** Linux, Git, Firebase Cloud Messaging (FCM), MySQL, PostgreSQL, Server Management.

PROFESSIONAL EXPERIENCE

Information Technology Coordinator

April 2025 – Present

Rahoclub (Dunia Sehat Sentosa Indonesia), Surabaya, Indonesia

- Oversee daily IT operations and infrastructure management, ensuring alignment with business goals for company growth.
- Lead a team in managing cross-departmental IT projects and system integrations.
- Direct the development of internal systems, including Odoo ERP for KPI management, Flutter mobile apps, and AI-powered chatbots.
- Pioneer the adoption of agentic AI coding tools (Claude Code and Codex) within the organization, independently architecting and shipping a full production multi-application ecosystem — Odoo ERP backend, a BFF integration layer, and 4 Next.js web and Flutter mobile applications — compressing the development timeline from an estimated 32 weeks to 4 weeks (8x faster).
- Develop the company's IT roadmap, manage budgets, and supervise external vendor SLA performance.
- Establish IT standards, operational SOPs, and provide technical training for employees.

Software Developer

January 2025 – Present

CV Dunia Sehat Sentosa Indonesia, Surabaya, Indonesia

- Design and maintain scalable cross-platform mobile solutions using Flutter for healthcare service needs.
- Develop and manage custom RESTful APIs to integrate mobile applications with the company's Odoo ERP system.
- Implement AI-powered features and agentic automation using AI prompt engineering to raise development velocity and code quality.
- Collaborate with enterprise teams to ensure system-wide stability, security, and healthcare industry compliance.

Full-Stack Developer

August 2023 – January 2025

Dutamedia.com, Malang, Indonesia

- Created secure banking applications with complex transaction workflows and integrated Firebase Cloud Messaging for push notifications.
- Developed frontend features with Vue.js and robust backend APIs with Laravel.

Back End Developer | Mobile Developer
PT Digiponic Maju Jaya, Malang, Indonesia

March 2023 – June 2023

- Responsible for API/backend development and creating mobile user interfaces using Flutter.
- Ensured seamless integration between frontend and backend systems through robust API design.
- Honed skills in PHP, JavaScript, Laravel, Bootstrap, and Flutter to deliver high-quality web and mobile solutions.

KEY PROJECTS & IMPACT

- **AI-Native Application Ecosystem Development:** Independently designed, built, and deployed a full production-ready multi-application ecosystem — Odoo ERP as the core backend, a Backend-for-Frontend (BFF) integration layer, and 4 client applications (Next.js web + Flutter mobile) built on top — entirely through agentic AI coding tools (Claude Code and Codex, equipped with custom MCP-supported development workflows), owning the complete lifecycle from architecture through deployment with no dedicated development team. Compressed a projected 4 senior developers over 6 months (24 person-months) down to 1 senior developer over 1 month plus AI subscription costs — roughly a 96% reduction in required engineering effort and 8x faster delivery (32 weeks to 4 weeks).
- **Mobile App Performance:** Developed apps used by ±94 registered users with zero major crash incidents; maintained average API response times of 200–300 ms.
- **ERP Workflow Automation:** Reduced manual administrative steps through custom Odoo models and automated approval workflows.
- **VoIP Integration:** Achieved call setup times below 1 second under stable network conditions using PJSIP SDK integration.
- **Backend Scalability:** Designed APIs handling ±100 requests per minute consistently with response times below 300 ms.

EDUCATION

Diploma of Education, Information Technology — Politeknik Indonesia Surabaya | 2021 – 2022

Fullstack Web Development Certification — Kharisma Academy | 2022

Professional Training in AI Prompt Engineering | 2025

LANGUAGES

Indonesian: Native | English: Professional Working Proficiency