

Contact

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Top Skills

AI Prompting

Session Initiation Protocol (SIP)

Voice over IP (VoIP)

Prasada Arif Nurudin

Software Developer | Coding Specialist Leveraging AI for Efficient, Maintainable & High-Impact Solutions

Pasuruan, East Java, Indonesia

Summary

Mobile & ERP Engineer with 4+ years of experience building applications using Flutter/Kotlin, Laravel, and Odoo ERP. Experienced in delivering end-to-end solutions from mobile client and REST API integration to ERP workflow implementation. I leverage AI as a productivity tool to accelerate debugging, refactoring, and logic validation while maintaining clean architecture and long-term maintainability.

Experience & Measurable Impact

Mobile Development (Flutter / Kotlin): Development of mobile applications with authentication, REST API integration, state management, and VoIP features; used by ±94 registered users; no major crash incidents during active usage; average API response time 200–300 ms; modular architecture supporting scalable feature expansion.

Backend Development (Laravel): Design and implementation of REST APIs, database schema, and role-based access control; handles ±100 requests per minute consistently; response time maintained below 300 ms; structured validation and error handling to reduce production issues; separate development and production environments.

Odoo ERP Customization: Customization and workflow automation on Odoo ERP based on operational requirements; automated approval and internal notification workflows; reduced manual steps in selected administrative processes; custom models, views, and access control following modular best practices; actively used for daily internal operations.

Real-Time Communication (PJSIP Integration): Integration of PJSIP SDK for VoIP functionality within mobile applications; implementation of call initiation, termination, and event handling; average call setup time below 1 second under stable network conditions; consistent SIP server integration; tested across multiple devices and network scenarios.

AI-Assisted Development: Use of technology from OpenAI to enhance development workflow, including code refactoring and structural optimization, debugging and technical solution exploration, reusable prompt design for automation and documentation, and logic validation prior to

implementation. Open to Opportunities: Mobile Development (Flutter), Backend API Development (Laravel), Odoo ERP Customization. If you are looking for an engineer experienced in end-to-end implementation and AI-augmented development workflows, I am open to discussion. Contact: prasada.arif@gmail.com | +62 85706151662

Experience

Rahoclub member of Dunia Sehat Sentosa Indonesia

1 year 9 months

Information Technology Coordinator

April 2025 - Present (1 year 6 months)

Surabaya, Jawa Timur, Indonesia

As an IT Coordinator, I am responsible for overseeing daily IT operations, infrastructure management, and ensuring technology solutions align with business goals. I lead a small team, manage cross-departmental IT projects, and handle system integrations to support company growth and operational efficiency.

Key Responsibilities:

Coordinate daily IT support, troubleshooting, and infrastructure maintenance.

Manage server infrastructure, networking systems, and data security protocols.

Lead the development and implementation of internal systems, including KPI management apps (Odoo ERP), mobile applications (Flutter), and AI-powered chatbots.

Plan, budget, and develop the company's IT roadmap.

Collaborate with external vendors and supervise SLA performance.

Provide IT training and onboarding for employees.

Maintain IT standards, documentation, and operational SOPs.

Software Developer

January 2025 - Present (1 year 9 months)

Surabaya, Jawa Timur, Indonesia

As an IT Staff specialized in Development at CV Dunia Sehat Sentosa Indonesia, I am responsible for designing, building, and maintaining mobile applications that support both members and employees within the organization. My primary development framework is Flutter, which enables me to deliver scalable and cross-platform mobile solutions tailored to healthcare service needs.

In addition to mobile development, I work on integrating the application with the company's Odoo ERP system by developing and managing custom RESTful APIs, ensuring efficient data flow between frontend applications and enterprise systems.

I also actively pursue growth in emerging technologies, particularly in AI Prompt Engineering, by completing structured training programs. This enables me to implement smarter automation, improve development efficiency, and explore AI-powered features for future system enhancements.

Key Contributions:

1. Developed cross-platform mobile applications using Flutter for both internal staff and external members
2. Designed and implemented custom API integrations with Odoo ERP to support real-time business operations
3. Collaborated with IT enterprise and support teams to ensure system-wide stability and compatibility
4. Completed professional training in AI Prompt Engineering to explore AI-assisted development and automation
5. Delivered secure, user-friendly, and maintainable code aligned with healthcare industry standards

Dutamedia.com

Full-stack Developer

August 2023 - January 2025 (1 year 6 months)

Malang, East Java, Indonesia

I am a passionate and results-driven Fullstack Developer with solid experience in building scalable mobile applications and backend systems. I specialize in Flutter, Vue.js, and Kotlin, and use Laravel to develop secure and high-performance backends.

I have successfully delivered a range of applications across fintech, telecom, and communication sectors. My key experiences include:

Developing mobile apps using Flutter and Kotlin, with excellent UI/UX and performance

Building VoIP applications integrated with PJSIP and SIP.js for real-time communication

Creating banking apps with secure transaction workflows

Delivering a telecom provider app with call and in-app purchase functionalities

Using Firebase Cloud Messaging for real-time push notifications

Developing frontend features with Vue.js and backend APIs with Laravel

I'm always eager to contribute to impactful projects, explore new technologies, and deliver clean, efficient code that drives user satisfaction.

PT Digiponic Maju Jaya

Back End Developer | Mobile Developer

March 2023 - June 2023 (4 months)

Malang, East Java, Indonesia

I have served as a Web Developer at PT Digiponic Maju Jaya, where I was responsible for API/Backend development tasks as well as creating mobile user interfaces using Flutter. During my time at the company, I gained valuable experience in developing robust APIs, handling data exchange, and ensuring seamless integration between front-end and back-end systems. Additionally, I successfully utilized my skills in Flutter to design and implement visually appealing and user-friendly mobile interfaces. Through these experiences, I honed my abilities in PHP, JavaScript, Laravel, Bootstrap, and Flutter, enabling me to deliver high-quality web and mobile solutions.

Education

Politeknik Indonesia Surabaya

Diploma of Education, Information Technology · (September 2021 - October 2022)

Kharisma Academy

Fullstack Web Development · (August 2022 - November 2022)