

KRISNA EKO PRASETYO

Software Engineer

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SUMMARY

Software Engineer with 1.5 years of experience specializing in backend development, RESTful API design, and database optimization. Proficient in Golang, PHP, and JavaScript ecosystems, with a proven track record of building scalable server-side architectures, integrating payment gateways, and automating CI/CD deployment pipelines. Adept at cross-functional collaboration throughout the SDLC to deliver secure, high-performance software solutions aligned with business objectives.

EXPERIENCE

PT Xeno Persada Teknologi - Surabaya, East Java, Indonesia

Software Developer Intern (Feb 2026 - Jul 2026)

- Built and scaled core server-side architecture for Dreampod (dreampod.id), a modern lodging application, using Golang to deliver fast, responsive data handling across web and mobile interfaces.
- Architected Redis caching strategies to optimize system throughput and significantly reduce primary database query load.
- Designed and optimized complex PostgreSQL relational schemas and query structures to ensure reliable, high-speed execution of core business logic.

UPN "Veteran" Jawa Timur - Surabaya, East Java, Indonesia

Backend Developer – Undergraduate Thesis Project (Nov 2025 - May 2026)

- Architected high-performance backend APIs using Golang (GoFiber) with Clean Architecture principles and developed a responsive backoffice admin platform using Next.js for Nusantara Kuliner Platform.
- Delivered key platform features across 6 Agile Scrum sprints, including JWT & Firebase OAuth authentication, retail/catering catalogs, offline POS, vouchers, and order management.
- Integrated DOKU Payment Gateway for automated settlements alongside Redis, Asyncq, and FCM for background job processing and real-time push notifications.
- Automated CI/CD deployment pipelines using Docker, GitLab CI/CD, and Cloudflare Tunnel on VPS infrastructure.

PT Xeno Persada Teknologi - Surabaya, East Java, Indonesia

Software Developer Intern (Jan 2025 - Jun 2025)

- Designed and developed core RESTful API services for BayiBunda (bayibunda.id) using Laravel and Lumen to power its multi-platform ecosystem.
- Architected structured MySQL database schemas and indexing strategies to enforce data consistency and high-efficiency retrieval.
- Streamlined cross-platform API integration with frontend and mobile teams, reducing API latency and accelerating feature deployment.

Binar Academy - Remote, Indonesia

Backend JavaScript Student (Aug 2024 - Dec 2024)

- Developed core backend architecture and RESTful APIs for Flaizy (E-Flight Ticket Platform) using Express.js and Prisma ORM, integrating Midtrans payment gateway and Socket.io for real-time notifications.
 - Automated CI/CD deployment pipelines using GitHub Actions to build, test, and deploy application updates seamlessly to AWS EC2 instances.
 - Conducted unit and integration testing using Jest and Supertest to achieve over 80% code coverage, and authored interactive API documentation with Swagger.
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EDUCATION

UPN VETERAN JAWA TIMUR (Aug 2022 - Aug 2026)

Bachelor's Degree Information System - GPA: 3.67

SKILLS

- Backend: Express.js, Golang, PHP (Laravel, Lumen), Node.js, Nest.js, Python
- Frontend: Next.js, Sveltekit, React, JavaScript, HTML, CSS
- DevOps: Docker, Linux, Nginx, CI/CD
- Database & Caching: PostgreSQL, MySQL, Redis, MongoDB
- AI Development Tools: Hermes, Claude Code, Codex, Opencode, Antigrafit
- Other: SDLC, Git, Gitlab