

RYAN PRAYOGA

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience building and shipping production web and mobile applications. Promoted to Sub Team Lead in September 2024 for consistent technical delivery and natural leadership — went on to lead an engineering team across concurrent projects in an R&D division. Hands-on with Laravel, Nuxt.js, Svelte, and Flutter on the frontend/mobile side, and Go, PostgreSQL, and Redis on the backend. Closely follows AI/LLM developments since early GPT-3 — built AI-powered developer tooling, experiments hands-on with agent frameworks and multi-model setups, and integrates AI into day-to-day development. Has shipped microservice systems, modernized legacy stacks, set up CI/CD pipelines, and mentored engineers in Agile teams.

SKILLS

- Primary: Laravel • Nuxt.js • Svelte (SvelteKit, Svelte 5) • Flutter
- Also worked with: Go • PostgreSQL (incl. PostGIS) • Redis • Docker
- AI/LLM: AI-powered developer tooling (brunogen); agent orchestration pipelines; MCP server integration; prompt engineering; hands-on with multi-model setups and LLM routing
- Other: TypeScript, JavaScript, Dart, PHP, SQL, Bash/Shell, GraphQL, gRPC, WebSocket, TailwindCSS, DaisyUI, Vite, Pinia
- DevOps & Infrastructure: PM2, Nginx, Caddy, GitHub Actions, GitLab CI, Linux (Ubuntu), WireGuard, Oracle Cloud, VPS hardening
- Tools & Practices: Git, GitLab, GitHub, Jira, Postman, Bruno, Swagger/OpenAPI, Figma, code review, mentoring
- Methodology: Agile/Scrum, Kanban, sprint planning, retrospectives, incident response, technical documentation

PROFESSIONAL EXPERIENCE

Sub Team Lead & Fullstack Developer

PT Traspac Makmur Sejahtera — Jakarta, Indonesia | September 2024 – May 2026 (1 year 8 months)

Led a 5-person engineering team (2 FE, 2 BE) in an R&D division. Served as main PIC across multiple concurrent projects — responsible for architecture decisions, development, and long-term maintenance.

- Kept 3–5 concurrent projects on track, adjusting priorities based on team capacity and client/stakeholder needs
- Grew engineers from junior-level to production-ready through hands-on coaching and bi-annual reviews — covering both technical skills and team communication
- Distributed tasks and managed weekly sprints across frontend and backend teams
- Established code review practices and coding standards for the team
- Acted as the main bridge between the team and stakeholders — from scoping requirements to delivery updates

Fullstack Developer

PT Traspac Makmur Sejahtera — Jakarta, Indonesia | April 2022 – September 2024 (2 years 5 months)

Developed production web and mobile applications for government agencies and state-owned enterprises in an R&D division. Promoted to Sub Team Lead in September 2024 — picked for consistent technical delivery and natural influence within the team.

- Built and maintained microservice-based systems across identity management, learning platforms, and document processing
- Handled API integration and data processing across systems with datasets ranging from hundreds of thousands to millions of records, including data validation and transformation
- Implemented SSO and multi-factor authentication (including biometric) for enterprise applications
- Developed mobile applications with real-time features like notifications, GPS tracking, and live chat
- Built automated document generation pipelines for certificates and PDF reports
- Managed VPS infrastructure and set up CI/CD pipelines for deployment automation
- Led modernization efforts migrating legacy systems to current tech stacks

SELECTED PROJECTS

All projects are open source — source code at github.com/ryan-prayoga

- cinema-tix — Cinema ticketing PWA with interactive 3D seat-POV (react-three-fiber) — a feature absent from all major Indonesian cinema apps. Next.js App Router + Express + Socket.IO + PostgreSQL + Prisma, realtime seat locking with double-book prevention, CI/CD via GitHub Actions, live at cinema.ryanprayoga.dev
- PILDUN — World Cup 2026 score-prediction platform (tebak skor). SvelteKit + PostgreSQL 16, room codes, exact-score + knockout prediction, real-time leaderboard, 48 teams & 104 matches, deployed on VPS with PM2 + Caddy
- Koruptor Rank — Civic-tech ranking of Indonesian corruption cases. SvelteKit + PostgreSQL, 260+ curated entries sourced from Wikipedia, multi-factor scoring and filtering
- Pantau Anggaran — Public budget monitoring platform. Go API + SvelteKit, PostgreSQL 16 + PostGIS, 3M+ procurement records, deployed on Oracle VPS with self-hosted CI
- JEDUG — Civic-tech platform where citizens report and track damaged public infrastructure. Go backend + SvelteKit frontend, PostgreSQL
- Brunogen — Open-source CLI (TypeScript) that infers OpenAPI specs and Bruno collections from Laravel, Express.js, and Go codebases
- messhub — Real-time messaging and collaboration platform. Go + SvelteKit, WebSocket transport, end-to-end TypeScript typed

EDUCATION

- Bachelor of Informatics Engineering — Universitas Pasundan (UNPAS), Bandung, Indonesia | Expected: November 2026

LANGUAGES

- Bahasa Indonesia — Native
- English — Conversational (strong reading & listening comprehension)