

BENEDIKTUS ADITYA PRATAMA

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EXECUTIVE SUMMARY

Computer Science student and full-stack software engineer with hands-on experience building production AI-powered applications and enterprise automation systems. Adaptable across the stack - from designing backend architecture to shipping AI/RAG-based features - with a track record of learning new tools quickly to solve real business problems under real deadlines.

EDUCATION

Bachelor in Computer Science, Pembangunan Jaya University

2023 - 2027

- Current GPA: 3.52

EXPERIENCE

Software Engineer Intern – PT PLN (Persero)

Jul 2026 – Sep 2026

- Designed and shipped 3 enterprise-grade full-stack features for internal business operations, architecting backend services and business logic that reduced manual report processing time by approximately 40%.
- Built an AI-powered RAG and vector-search pipeline that automated knowledge retrieval for internal teams, cutting average information lookup time from ~20 minutes to under 2 minutes.
- Integrated RESTful APIs and webhook-based messaging (WhatsApp & Telegram) into an event-driven automation system, enabling 5+ business processes to run without manual intervention.

FrontEnd Developer Intern – Kumami World

Sep 2025 – Oct 2025

- Built and shipped 8+ production React.js features, improving page load performance by approximately 25%.
- Converted Figma designs into responsive, accessible, reusable UI components with a mobile-first approach, cutting new-component development time for the team by roughly 30% through a shared component library.
- Integrated RESTful APIs and optimized rendering performance (reduced unnecessary re-renders by ~20%), while collaborating in an Agile team to deliver production-ready features across 6+ sprint cycles.

PROJECTS

AI Agents – PLN

2026

- Built a multi-tenant LLM-powered AI agent system using RAG with Supabase (pgvector) and OpenRouter, serving semantic search across per-agent knowledge bases for multiple workspaces.
- Architected an asynchronous, event-driven backend, reliably handling concurrent conversations across multiple tenant workspaces with built-in rate-limiting and prompt-injection protection.

Splity – AI-Powered Expense Management Platform [Link](#)

2025

- Designed and built a full-stack expense management platform (React.js, Node.js, MongoDB) with a RESTful API architecture supporting group expense tracking for multiple users per session.
- Built an AI/OCR-assisted receipt processing pipeline that automated expense categorization, reducing manual entry time by an estimated 50%.

SKILLS

Technical Skills: JavaScript, TypeScript, React.js, Next.js, Node.js, Tailwind CSS, REST APIs, MongoDB, Firebase, Git, AI Agents, RAG, Qdrant, n8n, Docker.