



JAKA PRAYUDHA

SOFTWARE ENGINEER
AI & SYSTEM ARCHITECT

Software engineer with 8+ years of experience building scalable web applications, enterprise systems, and AI-powered solutions. Passionate about clean architecture, problem solving, and creating meaningful digital products that impact real people.

- hello@jakaprayudha.id
- +62 812 3456 7890
- Indonesia
- jakaprayudha.id
- linkedin.com/in/jakaprayudha
- github.com/jakaprayudha

CORE SKILLS



Languages

JavaScript, TypeScript, PHP, Python, SQL



Frameworks & Libraries

Laravel, Node.js, Express.js, React, Next.js, Tailwind CSS



Databases

MySQL, PostgreSQL, MongoDB, Redis



AI & Data

Python, Pandas, NumPy, Scikit-learn, TensorFlow, LangChain, LLM



DevOps & Tools

Docker, Git, Nginx, Linux, CI/CD, Postman, Figma

STRENGTHS

- Problem Solver
- System Thinker
- Clean Code Advocate
- Fast Learner
- Team Collaborator
- Result Oriented

LANGUAGES

Bahasa Indonesia

English

EXPERIENCE

- 2023 – Present** **Engineering Manager**
Dinas Kominfo, Informatika & Persandian NTT
 - Leading engineering team in building digital platforms and services.
 - Designing system architecture, integrations, and data-driven solutions.
 - Driving AI initiatives and digital transformation programs.
- 2020 – 2023** **Senior Software Engineer**
NTT Satu Data
 - Developed and maintained government data integration platform.
 - Built RESTful APIs, data pipelines, and analytics dashboards.
 - Collaborated with stakeholders to deliver data-driven insights.
- 2018 – 2020** **Software Engineer**
Private Project & Freelance
 - Built web applications, APIs, and automation tools for various clients.
 - Worked on AI/ML projects, data analysis, and system integrations.
- 2016 – 2018** **Web Developer**
Various Projects
 - Developed websites and web applications using PHP & JavaScript.
 - Implemented responsive UI and improved system performance.

SELECTED PROJECTS

- Satu Sehat NTT** **Health Platform**
Digital healthcare platform for NTT integrated with SATUSEHAT. Includes patient services, scheduling, and medical records.
Laravel, React, PostgreSQL
- NTT Satu Data** **Data Platform**
Provincial data integration platform for collecting, validating, and visualizing government data.
Laravel, PostgreSQL, Chart.js, Redis
- AI Chat Assistant** **AI / LLM**
LLM-powered assistant for document Q&A and internal knowledge retrieval.
Python, LangChain, OpenAI, Pinecone

EDUCATION

- 2013 – 2015** **Master of Computer Science (M.Kom)**
Universitas Gadjah Mada
- 2009 – 2013** **Bachelor of Computer Science (S.Kom)**
Universitas Nusa Cendana



CERTIFICATIONS

- AWS Certified Solutions Architect Associate**
Amazon Web Services
- Docker Certified Associate (DCA)**
Docker
- Google Professional Data Engineer**
Google Cloud
- Microsoft Certified: Azure Fundamentals**
Microsoft