

Professional Summary

Software Engineer with a dual focus on **Backend Development** and **Quality Assurance (QA)**. Specializes in building **scalable and robust server-side architectures** using **Nest.js** and **PHP (Laravel)**. Possesses a rigorous background in **comprehensive API testing**, **security auditing**, and **test automation**. Detail-oriented in managing complex data and accustomed to collaborating within **agile teams** to engineer **highly reliable, secure, and bug-free** backend solutions.

Work Experience

Backend Developer **Papanclip (Part of Hompimpa Team)** **May 2026 - Present**
Depok, Indonesia

Papanclip is an enterprise-grade project management solution focused on optimizing team workflows and product delivery.

- Architected and developed the **core backend infrastructure** and **RESTful APIs** for the Papanclip web application.
- Designed and **optimized database schemas** to ensure **efficient data management**, fast retrieval, and overall **system scalability**.
- Managed the **final production deployment** to a live server environment, ensuring **high availability** and seamless system integration.
- Implemented **robust security measures**, including user authentication and data validation, to maintain data integrity and **protect against vulnerabilities**.

Quality Assurance **PT. Altimeda Cipta Visitama** **May 2025 - Present**
Depok, Indonesia

PT. Altimeda Cipta Visitama is an Indonesian tech company delivering enterprise backend systems, AI-powered platforms, and ERP solutions for clients in Indonesia, Australia, and Japan, including collaboration with ProjectedAI.

- Engineered an **automated testing framework** leveraging **OpenClaw** and **ChatGPT-4o** agents to accelerate testing efficiency.
- Designed and formulated **comprehensive test cases**, executing thorough **manual and regression testing** for ongoing software development projects.
- Conducted **daily health checks** and monitoring on production environments to **proactively mitigate anomalies**.

Quality Assurance & PHP Developer **PT. Ismart Inter Global** **May 2023 - May 2025**
Jakarta, Indonesia

PT. Ismart Inter Global is an information technology and software development company based in South Jakarta, specializing in delivering customized enterprise applications and digital solutions. The company focuses on providing comprehensive IT services, including secure web development, quality assurance, and system integration, to support organizations in optimizing their digital and operational infrastructure.

Quality Assurance Role (Jan 2025 - May 2025):

- Executed **rigorous regression testing** and comprehensive **API testing** to safeguard the reliability, security, and runtime performance of enterprise-grade applications.
- Identified, tracked, and **documented software defects systematically** in a bug-tracking system, collaborating closely with engineering teams to accelerate cross-functional resolutions and **maintain high system stability**.

PHP Developer Role (May 2023 - Dec 2024):

- Architected and developed a robust **dashboard website for BPJS Ketenagakerjaan** utilizing **Native PHP** to streamline and secure complex operational data management and visualization.
- Enforced stringent application security standards by conducting strategic **penetration testing** on newly developed modules and proactively **mitigating critical software vulnerabilities** during the active development phase.
- Designed and **optimized relational database queries** to ensure high-speed data retrieval, minimal server latency, and a seamless end-user experience on the live dashboard.

Independent Software Developer **Self-Employed** **Jan 2022 - Present**
Indonesia

An independent software development practice specializing in engineering customized web applications and end-to-end software solutions using the PHP (Laravel) framework. The practice focuses on translating complex client requirements into functional, secure, and scalable backend architectures while delivering responsive user interfaces within strict project timelines.

- Spearheaded the **end-to-end Software Development Lifecycle (SDLC)**, architecting and delivering **customized web applications** utilizing the **PHP (Laravel)** framework to meet specific client business requirements.
- Translated complex project specifications into **functional, highly scalable, and secure backend architectures**, implementing robust **RESTful APIs** and optimizing **relational database schemas** for peak performance.

- Developed **responsive user interfaces** and ensured seamless integration with backend services, consistently delivering high-quality software solutions within **strict project deadlines**.

Education

- **Bachelor of Information Systems (GPA: 3.73/4.00, Cum Laude), Institut Teknologi Telkom Purwokerto** | Oct 2019 - May 2023

Technologies and Skills

- **Programming Languages** : PHP, Node.js, Golang, TypeScript / JavaScript, Dart (Flutter), Python
- **Backend** : Laravel, Express, NestJS, REST APIs, WebSocket, Microservices, Redis
- **Frontend** : React, Next.js, Flutter, Bootstrap CSS, Tailwind CSS, HTML5, CSS3
- **Databases** : PostgreSQL, MySQL, SQL Server, Firebase
- **AI & Integrations** : Claude, Gemini, Midtrans, R2 Cloudflare
- **DevOps & Cloud** : Docker, GitHub Actions, Nginx, Apache, Linux server admin
- **Tools & Practices** : Git, Postman, Swagger, Agile/Scrum, Code Review, System Design, Technical Documentation, DBeaver, AI-Assisted Development (Windsurf, Claude Code, Kiro CLI)
- **Languages** : Indonesian (Native), English (beginner)
- **QA & Security** : Penetration Testing, Automation Testing, Bruno, Burp Suite

Projects & Achievements

- Graduated **Cum Laude** from Institut Teknologi Telkom Purwokerto with GPA 3.73/4.00 (2023)
- Successfully registered **3 Intellectual Property Rights (HKI)** documents during undergraduate studies
- Achieved **Master's Degree** passing grade for **Laravel** (2023) and **Quality Assurance** (2025) Professional Certifications from SANBERCODE
- **Key Projects:** **Papanclip** (Core backend infrastructure & RESTful APIs), **BPJS Ketenagakerjaan Dashboard** (Secure operational portal with penetration testing), **EasyKan** (Automated HR payslip distribution system), **WCC System** (Mass data injection & API testing), **TMMIN** (Large-scale supplier database recovery & layout optimization).