ANDRIANTO CAHYONO PUTRO

SOFTWARE ENGINEER
Location: Surabaya, East Java, Indonesia
Open to Full-Time & Freelance Opportunities

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PROFESSIONAL SUMMARY –

Results-driven Software Engineer with 4+ years of experience. Specialized in architecting high-performance backend systems and scalable APIs for enterprise applications. Proven track record in optimizing infrastructure for 99.5% uptime and leading technical decisions for products serving 500+ concurrent users.

WORK EXPERIENCE –

Software Engineer
Perkebunan Nusantara I Region 5 (State-Owned Enterprise)
Jun 2022 – Nov 2025 (3+ years) | Surabaya, Indonesia

- Architected Laravel monolith serving 300+ field agents across 6 regions processing 100k+ daily requests
- Developed asset management module tracking 2,000+ equipment items (reducing asset loss by 45%)
- Mentored 30+ junior developers on Laravel patterns, API design, and performance optimization

Software Engineer (Blockchain & Security)
Bitnova Indonesia
Dec 2021 – May 2023 (1+ years) | Remote

- Architected Laravel application for carbon emission tracking with complex calculation engine and third-party API integration
- Built blockchain wallet API (Node.js/CosmWasm) handling 1,000+ daily transactions with zero security incidents
- Designed secure API layer with Web3.js and Cosmos SDK integration for DeFi products

Software Engineer
Digital Movement Indonesia
Jan 2021 – Nov 2021 (10 months) | Remote

- Engineered high-throughput IoT backend (Python) processing real-time vehicle data (100+ concurrent streams, 99.9% uptime)
- Architected real-time dashboard with React and WebSocket for traffic analytics and aggregation
- Developed responsive corporate websites achieving 90+ Lighthouse scores; implemented SEO increasing organic traffic by 150%

IT Instructor
SMK (Vocational High School) Yapalis Sidoarjo
Sep 2018 – Jun 2022 (3+ years) | Sidoarjo, Indonesia

- Architected and deployed Laravel school management system serving 1000+ concurrent users (99.5% uptime for 3+ years)
- Implemented student enrollment, grades, records, and automated report generation (reducing administrative workload by 80%)
- Taught and mentored 1000+ students in computer networking, Linux administration, system design
- Certification Earned: MikroTik Certified Trainer

EDUCATION & TECHNICAL CERTIFICATIONS –

Bachelor of Informatics Engineering
University of 17 August 1945 Surabaya 2014 – 2018

Professional Certifications:
MikroTik Certified Trainer | Blockchain Technology Fundamentals | Figma Design Certification | Flutter Development | Android Development | UI/UX Fundamentals

CORE TECHNICAL SKILLS –

Backend Engineering
Laravel 7+, Eloquent ORM, RESTful APIs, Sanctum Authentication, Broadcasting (WebSocket), Queues, Testing (PHPUnit), API Architecture, Microservices Design, Real-time Systems, Caching

Frontend
React, Vue.js, JavaScript (ES6+), HTML5/CSS3, Responsive Design

Database
PostgreSQL, MySQL, Query Optimization, Database Design

Mobile
Flutter, Android (Java/Kotlin)

DevOps
Docker, CI/CD (GitHub Actions), Linux, Nginx, Performance Monitoring (Sentry)

Complementary
Node.js (real-time), Python (data processing), Go (microservices)

Tools
Git/GitHub, Figma, Postman, TablePlus, Herd, Dbngin, Notion, Whimsical, Slack

FEATURED PROJECTS –

- **Enterprise ERP System for Supermarket** (Laravel)
- **Compliance Monitoring Application** (Laravel + Flutter)
- **Green Energy Solution Company Web App** (Astro & NextJS)
- **Real-time IoT Vehicle Analytics Engine** (Python, WebSocket, React, Big Data Processing)
- **Case Archive Information System** (Laravel)
- **Classification system for academic staff and administrative staff recommendations** (Python)
- **Asset Management Mobile Application** (Laravel + Android Java)
- **Sugarcane Harvest, Load, and Transport App** (Laravel + Android Java)
- **Scalable Academic Management System** (Laravel)
- **Bootcamp Website** (Laravel)