

BUDI CAHYONO
Full Stack Developer | Software Engineer | Back End AI
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SUMMARY

Full Stack Developer specialized in building scalable, production grade web applications with seamless AI integration. Experienced in designing robust RESTful architectures using React.js and Laravel, combined with advanced Generative AI capabilities (LLMs, RAG pipelines, Agentic workflows). Proven track record of delivering end-to-end academic systems for over 100+ active users, bridging the gap between intelligent AI models and intuitive user interfaces.

EDUCATION

University of Lampung – Bandar Lampung, Indonesia
Graduated Informatics Engineering, GPA : 3.75 / 4.00

August 2021-July 2025

WORKING

CV Newus Technology – Bandar Lampung

Mei 2026 – June 2026

Project Manager – Contract

- Successfully directed and delivered 4 concurrent software projects within a single month by optimizing the end-to-end development lifecycles and ensuring on-time deployment.
- Led a cross-functional agile team of 6 (2 FE, 2 BE, 1 UI/UX, 1 QA), effectively translating business requirements into technical execution to streamline workflows.

StackPlus Studio – South Jakarta

January 2026 – Mei 2026

Full Stack Web Developer – Contract

- Developed and deployed AI-powered web applications and internal systems using Next.js, React Native, Laravel, and LLM APIs to automate client-facing and operational workflows.
- Designed scalable full-stack architecture with REST APIs and PostgreSQL, collaborating with UI/UX and product teams to deliver production-ready features.

PT Informasi Teknologi Indonesia – South Jakarta

November 2025 – Mei 2026

AI Engineer – Intern

- Architected and built scalable end-to-end Retrieval-Augmented Generation (RAG) pipelines utilizing ChromaDB and REST APIs, optimizing semantic retrieval for internal AI assistants.
- Engineered autonomous Agentic AI workflows using OpenAI models and LangChain, enabling applications to execute complex, multi-step tasks independently.

PT Gawai Mutu Digital – Bandar Lampung

August - November 2025

Software Engineer – Contract

- Developed cross-platform applications using React.js (web) and Flutter (mobile), integrated with PostgreSQL-based APIs.
- Implemented secure API integration and optimized data flow to improve application responsiveness and reliability.

Studio Tugasmu – Bandar Lampung
Software Engineer – Contract

October 2022 – June 2025

- Delivered custom full-stack web solutions and technical consulting for multiple early-stage projects and individual clients.
- Built robust portfolio websites and management software emphasizing clean architecture, comprehensive documentation, and effective error handling.

Dicoding Indonesia – Bandung
Facilitator - Contract

July – September 2025

- Led and technically mentored 150 participants through hands-on labs and skill badges in AI, Machine Learning, Data Engineering, and Cloud Computing using Google Cloud Platform (GCP).
- Provided in-depth technical guidance on cloud-based AI workflows, data pipelines, and ML fundamentals.

University of Lampung – Bandar Lampung
Assistant computer laboratory - Contract

August 2023 – August 2025

- Coordinated and delivered technical labs for 450+ students across programming, data structures, OS, networking, and databases.
- Supported practical labs involving software development, networking configurations, and information system security.

PT Sarana Digital Inovatif – South Tangerang
Front End Web Developer – Intern

March - July 2024

- Developed responsive and production-ready user interfaces by translating high-fidelity UI designs into functional components using Bootstrap.
- Built and optimized frontend features using JavaScript and TypeScript with React.js and Vite to improve performance and maintainability.

PROJECT

University of Lampung

January – June 2025

Face Recognition - Bachelor's thesis

- Fine-tuned FaceNet architecture in PyTorch on a custom dataset of 5,000 facial images (50 identities).
- Optimized embedding similarity thresholds to achieve 99.68% accuracy under controlled evaluation conditions.

SKILLS

Soft Skill : Agile Adaptability, Client-Centric Collaboration, Entrepreneurial Mindset, Project Time Management.

Hard Skill

Programming : JavaScript, Typescript, Python, PHP, SQL

Frontend : React.js, Next.js, Vue.js

Backend : Nest.js, Express.js, Node.js, Flask, Laravel

Database : PostgreSQL, MySQL, MongoDB

AI Integration : LLM APIs, RAG, Function Calling

Development Tools : VsCode, Postman, Trello

Language : Indonesian (native), English (proficient)