# Verindra Hernanda Putra

Full Stack Developer

Trenggalek | verindra9142@gmail.com

GitHub | LinkedIn

## SUMMARY

I am Verindra, an Information Technology graduate from Telkom University, Bandung with a GPA of 3.92/4.00 (Summa Cum Laude) and a Software Engineer who works across full stack development and AI/machine learning. I build web applications end to end, from database design and RESTful APIs to responsive front-ends, using Laravel, React/Next.js, Node.js, and PostgreSQL/MySQL, and I build data and ML pipelines in Python and SQL with Pandas, scikit-learn, TensorFlow, PyTorch, LangChain, and FastAPI, shipped with Docker and CI/CD.
I have led teams of 3–4 developers to deliver systems used by real clients, earning six registered Intellectual Property Rights (HKI), and produced five research publications (three IEEE, two journals). As Head of IT Support and Research at a university lab and as a lecturer assistant, I developed strong communication, problem-solving, and collaboration skills and the ability to explain technical decisions to non-technical stakeholders.

## EXPERIENCE

**Full Stack Engineer** 2025 – Present
Nusantara Data Labs · Surabaya · Hybrid

Build internal analytics products for agriculture cooperatives across East Java.

- Cut the weekly reporting run from 6 hours to 12 minutes by moving it to incremental SQL
- Shipped a yield-forecast service used by 40+ cooperatives
- Mentor two junior developers on code review and testing

**Head of IT Support and Research** 2023 – 2025
Telkom University · Research Lab · Bandung

Ran the lab's infrastructure and led student research engineering.

- Led a team of 4 developers delivering the lab asset tracker
- Co-authored 3 IEEE conference papers on applied ML

**Lecturer Assistant · Database Systems** 2022 – 2023
Telkom University · Bandung

Taught weekly SQL labs and graded projects for 120 students.

- Rewrote the lab module around PostgreSQL and real datasets

**Freelance Web Developer** 2021 – 2022
CV Klinik Sehat Trenggalek · Trenggalek · Remote

Built a queue and patient-records system for a regional clinic.

- Registered as intellectual property (HKI)
- Reduced average waiting time at reception by 35%

## EDUCATION

**Telkom University** 2019 – 2023
Bachelor of Applied Science, Information Technology
GPA 3.92 / 4.00, Summa Cum Laude. Thesis on Indonesian-language sentiment models.

**SMA Negeri 1 Trenggalek** 2016 – 2019
High School, Natural Sciences

## PROJECTS

**Rice Yield Forecasting for East Java Cooperatives** — Lead engineer

A forecasting service and dashboard that tells cooperative managers how much rice to expect, three weeks before harvest.

PostgreSQL, FastAPI, Next.js, PyTorch, Docker

example.com/yield

**Campus Lab Asset Tracker** — Team lead

Loan, maintenance and audit tracking for 1,200 lab devices, built with a team of four.

Laravel, MySQL, React, Docker

example.com/assets

**Indonesian Review Sentiment API** — Researcher & engineer

A fine-tuned IndoBERT model behind a small API that classifies product reviews in Bahasa Indonesia.

PyTorch, FastAPI, PostgreSQL

example.com/paper

## SKILLS

PostgreSQL • MySQL • SQL • Pandas • Node.js • Laravel • FastAPI • REST API design • React • Next.js • TypeScript • Bootstrap • PyTorch • TensorFlow • scikit-learn • LangChain • Docker • GitHub Actions