



YASMIN FARISAH SALMA

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Bandung, West Java, Indonesia.

Informatics Engineering at Institut Teknologi Bandung with 3+ years of experience in AI, specializing in building machine learning models, intelligent agents, and data-driven systems for real-world applications. Strong collaborator with a proven ability to deliver impactful solutions in team environments.

Educations

Institut Teknologi Bandung - Bandung, Indonesia

Aug 2022 - Aug 2026 (Expected)

Bachelor's degree in informatics engineering

Teaching Assistant for IF3070 Foundations of Artificial Intelligence, IF3170 Artificial Intelligence, and IF3270 Machine Learning

Professional Experience

Kabayan Consulting – Bandung, Indonesia (Hybrid)

July 2025 - April 2026

AI Researcher & Engineer (Contract)

Technology used: Fireworks.ai, Python, PostgreSQL

- Led & Developed Retrieval-Augmented Generation (RAG) AI chatbot with a PostgreSQL knowledge base to support automated Q&A in a governmental ecosystem; led the end-to-end AI development while collaborating in a 5-person team.
- Enhanced the system to generate data visualizations (charts) and PowerPoint (PPTX) reports with explanatory insights.

PT Superbank Indonesia – Jakarta, Indonesia (Hybrid)

Dec 2025 - April 2026

Technology (Internship)

Technology used: Python, Go, Typescript, Jira, Zephyr, Postman

- Conducted backend and frontend testing, including smoke and regression tests, to ensure system stability across releases.
- Developed automation scripts and a dashboard to monitor automated test results, improving testing efficiency and visibility.
- Designed and maintained test cases and test scenarios using Jira and Zephyr, and performed API testing with Postman.

Team Legali AI – USA (Remote)

Jan 2025 - March 2026

Project-based Fullstack AI Engineer

Technology used: Python, TypeScript, LLM APIs, Docker

- Designed and implemented agentic AI systems to automate legal workflows within the platform.
- Contributed to backend development and system architecture to support scalable AI-driven legal solutions.
- Built and managed secure data rooms for organizing and handling legal documents.
- Collaborated closely with legal firms in the United States to align platform features with real-world legal workflows and requirements.
- Developed AI-powered legal document generation for contracts such as NDAs, MSAs, and other legal agreements.

PT Pertamina Hulu Energi OSES – Jakarta, Indonesia (Hybrid)

June 2025 - September 2025

AI Engineer & Data Scientist (Internship)

Technology used: Python, .NET, PostgreSQL, Typescript, React.js, Streamlit

- Optimized ETL pipelines for well intervention data, improving efficiency and reliability.
- Migrated large volumes of CSV and Excel files into a centralized PostgreSQL database for better data management.
- Built a machine learning model to predict virtual rate
- Developed a knowledge repository AI agent capable of ingesting files, categorizing data, & enabling advanced question answering.

Futurity – Vancouver, Canada (Remote)

June 2025 - September 2025

AI Software Engineer (Part-time)

Technology used: Python, bun, NextJS, Typescript, Swagger

- Build a platform (<https://futurity.work/>) leveraging AI to help people learn new skills.

Penabulu Foundation – South Jakarta, Indonesia (Hybrid)

July 2025 - August 2025

Fullstack Engineer (Freelance)

Technology used: Supabase, PostgreSQL, NextJS, React.js

- Led a 2-member development team to deliver a full-stack website for a national photography competition: <https://ketimpangan.id>.
- Designed and implemented scalable frontend and backend architecture in one month sprint.

AI Engineer (Freelance)

Technology used: Python, Flutter.

- Developed and maintained <https://damaresa.com>, a property booking platform in Indonesia.
- Built an AI-driven booking system via WhatsApp, automating reservations and synchronizing with the company's database.

BangSoal – Depok, Indonesia (Hybrid)

October 2024 - December 2024

Software Engineer (Internship)

Technology used: Dart, Flutter, Nx, TypeScript, Freezed, Android Studio, XCode

- Developed a website & mobile app for BangSoal & international BangSoal
- Refactored the whole codebase using clean architecture principles and flutter bloc pattern

Achievements

1st Place Hackathon Competition IFEST 2025 - National

Role: AI Engineer; Technology used: Python, FastAPI, PostgreSQL, LangChain, OpenAI API, OCR, Next.js

Held by Padjajaran University

- Led a team of 5 and developed an AI-powered Contract Lifecycle Management system with RAG-based risk detection and automated contract analysis, outperforming 200+ participants nationwide.

3rd Place Data Analytics Competition 2025 - National

Technology used: PostgreSQL, Python, Tableau

Held by Universitas Indonesia

- Competed in a timed analytics challenge involving advanced SQL problem-solving and interactive dashboard development; built a Tableau dashboard analyzing Human Development Index (HDI) insights.

1st Place & Ranked #1 on Kaggle Data Analytics Competition FIND IT 2025 - National

Held by Universitas Gadjah Mada

Technology used: Python, Jupyter Notebook, Google Colab.

- Developed a COPPA risk prediction ML model (AUC 0.9056) with 15+ engineered features; analyzed app characteristics to assess regulatory risk, outperforming 227 teams and 600+ participants.

3rd Place Data Analytics Competition FINDIT! UGM 2024 - National

Held by Universitas Gadjah Mada

Technology used: Python, Jupyter Notebook, R.

- Developed a machine learning model for promotion prediction achieving a 90.20 F1-macro score and 0.8209 accuracy, outperforming over 500 participants.

Skills & Other Experiences

- **Soft Skills (2025):** Leadership, Research, Presentation, Data Analysis, Data Visualization, Analytical Thinking, Critical Thinking, Teamwork, Problem Solving, Flexibility, Communication, Empathy.
- **Hard Skills (2025):** Git, Microsoft tools, Google tools & workspaces, SQL, Python, R, RStudio, Tableau, Pandas, C, C++, Java, Golang, HTML, CSS, Tailwind CSS, JavaScript, ReactJS, Next.js, Javafx, Canva, Figma, Postman, bun.
- **Organizational Experience:**
 - Community Project Staff — Skill Up Indonesia
 - Head of Finance — Unit Robotika ITB
 - Deputy Head of Community Services — HMIF ITB
 - Project Leader — HMIF Berbagi
 - Secretary — STEI Komputasi '22 ITB
 - Data Science Member — GDSC ITB
- **Event Committee Experience:**
 - FrontEnd Developer of Aku Masuk ITB 2023
 - Secretary of Ad-Hoc Pemira KM ITB
 - Secretary of STEI-K CUP 2023
 - Secretary of MATRIX: Bonding Night STEI ITB
 - Secretary of AUGMENT-IT:Gathering STEI 2.0