

FARHAN HARITS PRAKOSO

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EDUCATION

Universitas Gunadarma

B.Sc. Computer Science — GPA 3.74/4.00

Bekasi, ID

Sept 2023 – Oct 2027

EXPERIENCE

Asah Led by Dicoding (Cohort)

AI Full-Stack Developer

Remote

Aug 2026 - Present

- Selected as a Cohort student to learn modern full-stack development and applied AI, focusing on AI model integration to build end-to-end solutions

Coding Camp DBS Foundation (Cohort)

Full-Stack Developer

Remote

Feb 2026 – Jul 2026

- Developed core UI and backend services for Emigria, an AI-powered platform detecting fraudulent overseas job postings targeting Indonesian migrant workers.
- Engineered a two-stage AI pipeline integrating Google Gemini API for multi-modal data extraction with a TensorFlow MLP model for fraud classification.
- Architected backend REST APIs using Express.js and FastAPI connected to a Neon PostgreSQL database.

Lembaga Pengembangan Komputer (LEPKOM) Gunadarma

Course Participant, Web Development

Bekasi, ID

Sep 2023 – Jun 2026

- Completed a structured 3-year (6-semester) programming curriculum, progressing from database fundamentals to full-stack web application development.
- Built a foundation in relational database design through Fundamental DBMS and Database for Beginner modules, covering schema design and SQL querying.
- Practiced core web programming through Web Programming for Beginner, then expanded into backend development with Go and C# across advanced semesters.
- Completed capstone coursework in Web Application Development with Go, applying full-stack concepts learned across the program.

PROJECTS

Glance — Contextual AI Assistant — [Github](#)

- Developed a lightweight macOS menu-bar utility that captures selected screen text via a global shortcut to stream instant AI explanations.
- Cut idle system memory 25-30 MB by gating the clipboard listener and tearing down the webview on close.
- Integrated Groq API (Qwen 3.8) supporting streaming responses, dual modes (Explain/Summary), and multi-turn follow-up conversations.
- Automated build and distribution with GitHub Actions, packaging the Tauri app into macOS binaries published as versioned GitHub Releases.
- Utilized:** Tauri v2, Rust, Svelte 5, Vite, Groq API (Qwen 3.8)

Emigria — AI Fraud-Detection Platform — [Github](#)

- Built as Full-Stack Developer within a 6-person team, flagging fraudulent overseas job postings targeting Indonesian migrant workers.
- Implemented a two-stage AI pipeline combining Gemini API data extraction with a TensorFlow MLP fraud classifier.
- Deployed the platform on Render with Docker, connecting the web app to a Neon PostgreSQL database.
- Followed a GitHub PR workflow with code review and branch-per-feature to keep contributions from six developers consistent.
- Utilized:** React, Vite, Tailwind, Express.js, FastAPI, Gemini API, TensorFlow, Neon (PostgreSQL), Docker

Lost & Found Kampus AI — Campus Lost & Found Platform — [Github](#)

- Built a realtime board with live data synchronization across users via Socket.IO.
- Architected a tri-layer claim verification system: a client-side zero-knowledge proof (Circom, Groth16, Poseidon hash) so secret item details are never stored or exposed on the server, with Groq API normalizing free-text claims into keywords.
- Implemented Gale-Shapley stable matching over a 24-hour dispute window to assign items to rightful owners fairly, replacing first-come-first-served and eliminating bot race conditions.
- Utilized:** TypeScript, Node.js, Hono, Socket.IO, SvelteKit (Svelte 5), Tailwind CSS v4, Circom, Groth16, Groq API

SocialCollateral AI — Social Graph Risk Engine (MVP) — [Github](#)

- Contributed as Graph Visualization Specialist (Front-End Developer), building the interactive trust-graph view for microfinance lending.
- Combined graph analytics, NLP (Gemini), and computer vision (Google Cloud Vision) to convert social signals into a Group Trust Score.
- Utilized:** TypeScript, React, Sigma.js, Chart.js, Python, FastAPI

SehatHemat — Budget & Nutrition Planner (MVP) — [Github](#)

- Built a full-stack dietary and budget planning web app helping users hit calorie, protein, and budget targets.
- Implemented a Retrieval-Augmented Generation (RAG) architecture grounded in a curated Indonesian food-price dataset.
- Designed the relational schema and managed data querying using Prisma ORM with PostgreSQL.
- Utilized:** Next.js, TypeScript, Prisma, PostgreSQL

ACHIEVEMENTS

Top 15 — Amarthartha × GDG Jakarta Hackathon

Nov 2025

- Awarded Top 15 Finalist out of 140+ teams as Front-End Developer (Graph Visualization) on SocialCollateral AI, a social-graph risk engine for microfinance lending.
- Designed and developed an interactive borrower trust-network view using React, TypeScript, and Sigma.js.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, SQL
- **Web:** React, Next.js, Astro, Svelte, TailwindCSS, Express.js, FastAPI, REST APIs
- **Data:** PostgreSQL (Neon/Supabase), MySQL, ORM
- **Tools:** Git/Github, Docker, n8n, Figma

CERTIFICATIONS

Full-Stack Web Developer — Coding Camp 2026 by DBS Foundation, 2026

Belajar Fundamental Back-End & Aplikasi Web dengan React — Dicoding, 2026

Practical React.js & Next.js — Udemy, 2025

SQL Advance — HackerRank, 2025

Web Developer — GDGoC Bootcamp Kilat, 2025