

# Athilla Zaidan Zidna Fann

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## Professional Experience

### GDP Labs - Artificial Intelligence Engineer Intern

Jun 2026 – Present

[GDP Labs](#) is a software product development company under GDP Venture, Djarum Group's venture arm, building AI, cloud, data, web, and mobile products.

- Delivered PRs across GLAIR's AI platform and Model Accuracy Benchmark stack, adding Claude Sonnet 5 adaptive reasoning and hardening OpenAI/Anthropic provider compatibility, response parsing, authentication, and local inference execution.
- Implemented streaming time-to-first-token (TTFT) measurement for title-generation benchmarks by integrating an SDK EventEmitter into the LLM invoker while preserving end-to-end latency tracking.
- Ran and documented evaluations for 6 proprietary and open-source models across 8 task-specific leaderboards, including reasoning and non-reasoning configurations for Claude Sonnet 5.

### Inkubator IT - Software Engineer Associate

Oct 2025 – Mar 2026

[Inkubator IT](#) is HMIF ITB's Software House, delivering real-world software projects for external clients under a structured consulting model.

- Delivered [plugndd.com](#) end-to-end, collaborating with Product Manager and translating **7 homepage sections** from Figma into a production **Next.js + React + Tailwind** platform with glassmorphism UI and Framer Motion animations.
- Engineered the **PLUGNDD DNA Quiz**, a **10-question** brand personality assessment scoring across **8 dimensions**, classifying users into **4 archetypes** with personalized result pages.
- Built a serverless **Marketing Intelligence Digest** aggregating Guardian API articles across **6 topic categories** with server-side caching, and implemented full SEO coverage spanning **6+ routes**.

## Education

### Institut Teknologi Bandung - B.Sc. in Informatics

Sep 2024 - Aug 2028

- **CGPA: 3.94/4.00**

Activities: **President** of Keluarga Mahasiswa Jambi ITB, **Head of Fundraising** for Ganesha Fun Day ITB 2026, **Head of Sponsorship** for IMPACT ITB 5.0, **Data Science Problem Setter** for ARKAVIDIA 11.0, **IT** for TEDxITB 9.0, **Vice Manager of Competition** for HMIF ITB

## Volunteer

### StudentxCEOs Grand Summit 15th - Fullstack Developer and IT Lead

Feb 2026 – Present

StudentxCEOs Grand Summit is Indonesia's premier student business competition featuring BCC and MCC tracks, with **IDR 24,000,000++** in prizes and **150+ competing teams** from universities nationwide.

- Led a **7-person** dev + UI/UX team to shipped [sxcgrandsummit.com](#) for Indonesia's premier student business competition, architecting a dual-track BCC/MCC registration system handling **280++ teams**, **500++ participants**, **1,500++ file uploads** with **Rp20M++ revenue**, and real-time preliminary submission monitoring.
- Engineered a dual-storage upload pipeline (Supabase + Google Drive API) with OAuth2/Service Account failover, team-folder automation, and Google Sheets sync, triaging **30+ feature requests** across 4 internal divisions via sprint-based GitHub workflows.

### IT Aku Masuk ITB 2026 - Fullstack Developer

Oct 2025 – Feb 2026

Aku Masuk ITB is ITB's annual nationwide outreach program introducing prospective students to campus life, culminating in ITB Day

- Engineered **FindMi**, a full-stack merch e-commerce (React + Vite + Hono + Drizzle + PostgreSQL) generating **IDR 200M+** revenue.
- Architected the Aku Masuk ITB event platform serving **10,000+** users.

## Projects & Achievements

[Cognify](#) · Python, scikit-learn, Isolation Forest, SHAP · *Harvard HSIL Hackathon Indonesia — 4th of 241 teams Nationwide*

**Passive ADHD relapse detector** using smartphone behavioral metadata, anomaly detection, and SHAP explainability for early-warning mental health monitoring.

[Vokara](#) · NLP, IndoBERT, FastAPI, PostgreSQL, Qwen 3.5 · *Hackfest 2026 — 5th Nationwide*

**NLP Citizen aspiration intelligence** platform with semantic clustering, priority scoring, policy alignment, and LLM brief automation.

[Scresh](#) · Computer Vision, DINOv3, EfficientNet, PyTorch, FastAPI, PostgreSQL, Azure · *Technoscape 2026 — Finalist*

AI-powered Computer Vision produce segmentation and freshness assessment platform with automated vegetable grading.

[malam-keOS-ini](#) · C, x86 Assembly

**32-bit x86 OS built from scratch** with custom EXT2, round-robin scheduling, and VGA graphics.

## Skills

**Languages:** Python, TypeScript, JavaScript, Go, C, C++, Java, Haskell, SQL

**Frontend:** React, Next.js, Tailwind CSS, Framer Motion, Zustand, TanStack Query

**Backend & Cloud:** FastAPI, Hono, PostgreSQL, Drizzle ORM, Node.js, Express.js, Supabase, Docker, Vercel

**AI/ML:** PyTorch, Hugging Face Transformers, scikit-learn, SHAP, Pandas, NumPy

**Others:** Git, Nginx, Linux, REST API, WebSocket, CI/CD