Muhammad Adib Naziri

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Summary

dedicated **Full-Stack Developer** with robust proficiency in backend engineering, particularly in **system optimization** and performance scalability. Currently expanding expertise in **machine learning** with the objective of integrating both domains to develop impactful, production-ready solutions. Maintains a strong commitment to professional growth, technical excellence, and delivering high-quality digital products.

Education

Muhammadiyah Boarding School Samarinda   2021 - 2024

During my school years, I actively took on roles as a class secretary, in 3 organizations, and 3 committees, and became the content creator for the school's Instagram account (School Ambassador).

Gadjah Mada University   2024 - Now

At Electrical Engineering and Informatics, Software Engineering

Organizational Experience

Muhammadiyah Boarding School Samarinda

Teaching Assistant – Mathematics (Boarding School   2024

- Served as a substitute/assistant teacher for mathematics classes in a boarding school environment
- Provided academic support to students through explanations, exercises, and supervision.
- Helped maintain learning discipline and ensured students followed study schedules.
- Assisted with classroom management and preparation of learning materials.

Head of Language Committee – Student Dormitory   2023 - 2024

- Led the dormitory language committee responsible for enforcing English and Arabic usage in the school environment.
- Planned and executed language-related events, weekly challenges, and speaking activities.

Secretary – Ikatan Pelajar Muhammadiyah (IPM)   2023 - 2024

- Managed administrative tasks including documentation, meeting minutes, and internal communication
- Coordinated with committee members to ensure events ran smoothly and adhered to organizational guidelines.

Gadjah Mada University

Competition Team Member – TRPL League   2025

- Served as the person-in-charge (PIC) for competition management within the team.
- Contributed to strategy development, task delegation, and competition preparation logistics.

- Distributed basic food supplies and donations to underprivileged communities.
- Participated in community service and fundraising initiatives.

Work Experience

Administration Web of CV. Harum Manis — Full Stack Developer

Full Stack Web Development | 2024 | Completed

- Developed a complete administration system for UMKM CV Harum Manis, digitizing inventory, sales, and operational workflows.
- Built backend logic and front-end interface focusing on usability and efficient data processing.
- Improved business workflow by transitioning manual processes to a structured digital platform.
  Tech: Next.js, React, Node.js, MySQL, Tailwind CSS, Express.js
  GitHub: available

Florwyn — Game Developer

2D Action Game Development | 2024 | Completed

- Created a 2D platformer using Java & LibGDX with fully custom gameplay systems (movement, physics, enemy AI, collisions).
- Designed handcrafted levels and implemented optimized logic for fast-paced action gameplay.
- Built the entire game architecture from scratch with clean, scalable code.
  Tech: Java, LibGDX, Tiled
  GitHub: available

Tech Enthusiast Day (TED 2025) — Frontend Developer

Frontend Web Development | 2025 | Completed

- Built the official event website for a national-scale technology competition at UGM.
- Developed participant registration systems, event schedules, speaker pages, and interactive animations.
- Ensured full responsiveness and modern UI aligned with the theme "Techvolution: Innovate. Digitize. Impact."
  Tech: React, Next.js, Tailwind CSS, Framer Motion
  GitHub: available

SIPELITA (Ministry of Environment & Forestry) — Backend Developer

Government Backend System | 2025 | Maintenance

- Developed backend architecture for a national environmental data processing system (SLHD, IKLH, and award assessments).
- Implemented workflows for massive document uploads, multi-stage validation, and computational indexes.
- Built role-based authentication supporting thousands of nationwide government users.
  Tech: Laravel, MySQL, Redis, Docker, Next.js
  GitHub: available

EATSTEDI — Mobile Developer

Mobile App Development | 2025 | Ongoing

- Building a mobile food-ordering platform for KMTEDI UGM with real-time ordering and payment features.
- Implemented menu browsing, order tracking, and student-centric UI/UX optimized for daily campus use.
- Integrating Firebase services for speed, scalability, and real-time synchronization.

Tech: Kotlin, Firebase
Figma: available

RDK Ramadan Event Platform — Backend Developer

Backend Web Development | 2025 | Ongoing

- Developing backend for UGM's Ramadan event platform with CMS, authentication, event scheduling, and content updates.
- Designed for high-load performance and security during campus-wide events.
  Tech: Express.js, MySQL, AWS, Redis, Next.js

Achievements

1. **1st Place –** Arabic Language Competition (Provincial Level), organized by OBA (2023)
2. **2nd Place** – Debate Competition (City/Regency Level), organized by LBDI (Official government education agency) (2024)

Skills

Soft skills:Leadership | Responsible | Adaptability | Communicative | Teamwork | Critical Thinking | Problem Solving | Public Speaking

Hard skills:Intermediate Front-End Skills | Backend Skills | MySQL | Java | Python | NumPy | Basic Machine Learning | Figma | Microsoft & Google Office | English | Arabic