



MUHAMAD FARHAN

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Jln. Bunga, Geblagan, Tamantirto, Kasihan, Bantul, Daerah Istimewa Yogyakarta

Fresh Graduate in Information Technology from Universitas Muhammadiyah Yogyakarta with a GPA of 3.63 and a strong interest in Software Engineering, Full Stack Development, and Mobile Application Development. Skilled in developing AI-powered applications using LLM technologies, including RAG systems with Chroma and LangChain, as well as building and integrating AI Agent pipelines using OpenAI APIs and OpenRouter for intelligent task automation and multi-step reasoning workflows. Proficient in Laravel, React.js, Next.js, Flutter, and Kotlin for building scalable web and mobile applications. Familiar with deploying solutions on Google Cloud Platform (GCP). Strong analytical, problem-solving, and teamwork skills with a passion for creating efficient and user-centered technology solutions.

Education Level

Universitas Muhammadiyah Yogyakarta  - Bantul, Daerah Istimewa Yogyakarta

Sep 2022 - Jun 2026

Bachelor of Information Technology, 3.63/4.00

- Led a social project on environmental awareness involving 50+ students from IT and Mechanical Engineering.
- Served as Digital Marketing Coordinator in the FT UMY entrepreneurship community.
- Volunteered in university-wide events impacting 70+ students.
- Certified Competent by BNSP in the Web Developer field on January 30, 2026.

Work Experiences

Edutax Indonesia - Indonesia

Aug 2023 - Oct 2023

Creative Designer (Intern)

companies engaged in the field of accounting and tax services with service products in the form of training, consulting, coaching, and coaching for business owners and or their employees

- Designed visual marketing materials: brochures, banners, catalogs, and digital ads.
- Ensured high-quality, brand-consistent digital design assets.
- Contributed to digital campaigns for accounting and tax services.

Dinas Komunikasi dan Informatika Daerah Istimewa Yogyakarta - Indonesia

Jul 2025 - Sep 2025

Fullstack Web Developer (Intern)

The Dinas Komunikasi dan Informatika Daerah Istimewa Yogyakarta (Diskominfo DIY) is a regional government agency responsible for managing communication, information, and digital services in the Special Region of Yogyakarta. It focuses on developing and implementing information and communication technology (ICT), supporting e-government systems, ensuring transparent public information, and improving digital infrastructure to enhance public services and promote a smart, connected region.

- Developed the user interface of the website to ensure a responsive and user-friendly experience
- Implemented an AI-based content moderation feature to detect and block reports containing sensitive issues such as SARA, violence, and threats
- Built an AI-driven urgency classification system to analyze and prioritize reports based on their level of importance
- Developed an AI-powered chatbot to assist users in navigating and using the website more easily
- Deployment officially on website lapor.jogjaprovo.go.id

RSUP Dr. Sardjito - Yogyakarta, Indonesia

Apr 2026 - Present

Medical Research Assistant

Supported a medical doctor's clinical practice by organizing and reporting patient data using Microsoft Excel, contributing to research data collection and documentation as part of an academic thesis project.

- Assisted a medical doctor in collecting and organizing patient data to support academic research and thesis documentation
- Managed and structured patient records using Microsoft Excel, including data entry, formatting, and report compilation
- Ensured accuracy and consistency of patient data across multiple reporting sheets
- Supported the preparation of structured clinical data summaries used as research datasets

Organisational Experience

Social Connect Ambassador Program - Indonesia

Sep 2023 - Oct 2023

Ambassador

Social Connect Ambassadors 45 Days Challenge Mental Health : 400+ participants & cooperation with several Sponsor companies Online Campaign "Advocacy on Mental Health Issues to the Community"

- Represented a national campaign on mental health with 400+ participants.
- Hosted a podcast addressing mental health stigma in Indonesian communities.
- Advocated for free health package access via BPJS partnerships.

Member

KMTI is a single and independent organization. With the name Information Technology Student Family, KMTI has a very important role in building a sense of kinship and bringing together all students in the UMY Information Technology Study Program

- Managed KMTI website content and event documentation.
- targeted to understand web development and manage KMTI website pages
- Edited promotional and documentation videos.

Study Club IT UMY - Indonesia

Jun 2023 - Jun 2025

Member

Club Study provides a forum for IT students in the form of learning outside of lecture material to increase knowledge for students who want to deepen their understanding in the field of IT

- Participated in Mobile Developer, UI/UX Design, and Fullstack Developer groups.
- Contributed to end-to-end mobile and web application development.
- Engaged in peer-to-peer learning sessions to deepen understanding of software development best practices.

PPK Ormawa 2024 - Desa Hargorejo, Kulon Progo

Jun 2024 - Oct 2024

IT Support

PPK Ormawa HIMFA UMY is a community service program carried out by the HIMFA UMY student organization. This program is initiated, planned, and implemented by HIMFA UMY. such as optimizing Clean and Healthy Living Behavior (PHBS) in Hargorejo Village through the DEBEST Workshop, creatively utilizing the potential of medicinal plants in Hargorejo Village for natural treatments, conducting habit tracker monitoring for people with mental disorders (ODGJ), and revitalizing the Alam Lestari waste bank to create a healthy village, and Organizing Web Diary's as a platform for mental health consultation.

- Served as a member of the Media Division, responsible for managing digital content and publications
- Designed and produced visual and multimedia content for program campaigns and activities
- Managed social media platforms (Instagram, TikTok, YouTube) to increase engagement and program visibility
- Developed and maintained the official website of PPK Ormawa HIMFA UMY 2024 to support information dissemination and program documentation
- Collaborated with cross-functional teams to ensure effective communication and outreach

Skills, Achievements & Other Experience

- **Soft Skills:** Teamwork, Leadership, Time Management, Adaptable, Flexible, Active Listener, Problem Solving, Critical Thinking
- **Hard Skills:** Full-Stack Developer, Mobile Developer, AI Engineer, MsOffice, Figma, Canva
- **Interest:** Language (Indonesia & English)
- **Achievements** 🏆 (2023): Awarded Certification from MySkill Short Class: Data Visualization for Data Analyst
- **Achievements** 🏆 (2023): Awarded Certification from MySkill Short Class: Figma for UI/UX Design
- **Achievements** 🏆 (2023): Awarded Certification from Dicoding Indonesia Data Visualisation
- **Achievements** 🏆 (2023): Awarded Certification from Google Data Analyst
- **Achievements** 🏆 (2024): Awarded Certification PPK Ormawa 2024
- **Achievements** 🏆 (2025): Awarded Certification Internship at Dinas Komunikasi dan Informatika Daerah Istimewa Yogyakarta
- **Achievements** 🏆 (2026): Awarded Certification Badan Nasional Sertifikasi Profesi (BNSP) Web Developer
- **Achievements** 🏆 (2026): Awarded Certification Certiport IT Specialist - Software Development