MUHAMMAD FARRAS YASYFA

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https://portfolio-farras-yasyfa.vercel.app/

I am an undergraduate student currently pursuing a Bachelor of Applied Science in Informatics Engineering. Certified Associate Cloud Engineer with a strong interest in full-stack web development and cloud computing. Experienced in building end-to-end web applications and deploying scalable, cloud-based solutions. Passionate about creating seamless user experiences while ensuring robust backend systems and efficient infrastructure. Demonstrated ability to work collaboratively in team-based projects and deliver real-world digital solutions.

EDUCATION

Politeknik Negeri Jakarta (Current GPA: 3.69) Aug 2022 - Present
Bachelor of Applied Science, Informatics Engineering

CEP – CCIT FTUI (GPA: 3.54) Aug 2022 – Aug 2024
Associate's degree, Informatics Engineering

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka Aug 2024 – Des 2024
Cloud Computing Cohort

Coding Camp powered by DBS Foundation Feb 2025 – Jul 2025
Frontend & Backend Learning Path

PROJECTS

JobMate
Responsive Job Search Website

- A React (TypeScript) and Tailwind CSS-based web application designed to help users find jobs through skill-based job recommendations powered by Machine Learning and an interactive chatbot assistant.
- Built using Express.js for the backend and Firebase for database management, this collaborative group project integrates modern technologies to streamline job searching.

HarmoniAlam
Environmental Volunteer Platform

- A comprehensive full-stack web platform connecting environmental volunteers with event organizers across Indonesia, featuring multi-role authentication, real-time event management, and community engagement tools.
- Built with React TypeScript frontend and Node.js Express backend, integrated with PostgreSQL database via Prisma ORM, Google Cloud Storage for file management, and automated email verification system.
- Developed complete CRUD operations for 15+ data models, implemented JWT-based security for 3 user roles (Volunteer, Organizer, Admin), and created responsive dashboards with interactive mapping and bookmark features.

FitMate
android diet assistant app

- FitMate is a diet assistant Android app with features including calorie and weight tracking, BMI, BMR, and TDEE calculations, and food recognition using Machine Learning and Computer Vision.
- Offers personalized food recommendations and an integrated chatbot to enhance user guidance.
- Utilized Google Cloud Run for model deployment and Cloud Storage for dataset management within a cloud-based infrastructure.

CERTIFICATE

Google Cloud Certified – Associate Cloud Engineer

Issued by Google | Issued: May 2025 | Expires: May 2028

CEP – CCIT FTUI Program Certificate

Issued by NIIT | Issued: March 2025

SKILLS

Language: Bahasa Indonesia (Native); English (Novice)

Soft Skills: problem-solving, communication, teamwork, typography, time management

Hard Skills: UI/UX Design, HTML, CSS, JavaScript, PHP, MYSQL, Python, TypeScript, Kotlin

Software Skills: Visual Studio Code, Android Studio, Figma, Microsoft Office, Canva, Google Cloud Platform, Github