YASRA ZHAFIRAH

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Bandung, West Java

PROFILE

Highly driven Final-year student with a solid foundation in both Web Development, Backend Programming and Cybersecurity principles. Experienced in using technologies like AI servers and VMware during internships to manage complex features and evaluate system vulnerabilities.

EDUCATION

Institut Teknologi Bandung – Bandung, Indonesia   August 2022 **–** October 2026 (Expected)

Information Systems and Technology - School of Electrical and Informatics Engineering

EXPERIENCE

PT Api Metra Graha (The Energy Building) – On Site (SCBD, Jakarta, Indonesia)   July 2025 **–** September 2025

Intern – IT Security

- Held full responsibility for evaluating the cybersecurity posture of the Integrated Building Management System (IBMS) at The Energy Building. I conducted an in-depth analysis of the existing endpoint protection platform.
- Performed a social engineering simulation to identify critical vulnerabilities.

PT Diklat Kerja Teknoedukasi (Diklat Kerja) – Remote

Intern – Backend Engineer   July 2025 **–** October 2025

- Managed the Face Recognition and Face Detection features. Additionally, I handled error resolution on the external AI server used for the facial recognition features.
- To ensure all functionalities were working correctly, I conducted internal testing specifically for employees.

ACADEMIC PROJECTS

Michael Vs. Lalapan: Game Development Implementing Object Oriented Programming

- Michael vs. Lalapan is a simplified version of the popular game *Plants vs. Zombies*. The main goal of the game is to defend your home from waves of zombie attacks by strategically planting different types of plants. Each plant and zombie has its own unique behavior, which adds more challenge and requires thoughtful strategy.
- For details, visit: https://about-yz.vercel.app/work/michael-vs-lalapan

G-Lingua: An English Learning Website and Mobile App

- G-Lingua is a web-based and mobile-based interactive learning application that allows users to study English materials online through various features, including user authentication, progress tracking, and interactive content.
- For details, visit: https://about-yz.vercel.app/work/glingua

ORGANIZATIONAL EXPERIENCE

Keluarga Paduan Angklung ITB – Bandung, Indonesia

Arts and Performance   October 2023 **–** Present

- Performed angklung and additional musical instruments on many important occasions including graduation ceremonies, wedding, and concerts.

TRAININGS AND CERTIFICATIONS

Google Development Student Club ITB – Bandung, Indonesia

Frontend Development   August 2022 **–** October 2023

- Participated in a one-year program focused on Frontend Website Development, which included attending technical workshops, webinars, and successfully completing the final project.

ProjectBased Virtual Intern Fullstack Developer BTPN Syariah x Rakamin Academy – Remote

Fullstack Development   Jan 1 2024 **–** Jan 29 2024

- One month project-based training of fullstack development.
- Developed a final project API using VueJS, Gorilla Mux, GORM, MySQL, and JWT. Also successfully completed tests and training materials covering Java, Golang Fundamental, and JavaScript skills.
- Certificate of Competency | Certification Number: 256170IAPYGIB2912024

SKILLS

- **Hard Skills**: Microsoft Office (Word, Power Point, Excel), Google Workspace (Docs, Spreadsheet, Slide, Colab), Fullstack Development (JavaScript, HTML, CSS, VueJS, Gorilla Mux, GORM, JWT, Golang, MySQL, Django, REST), Other Programming Languages (C, Java, Python), Design Software (Canva, Figma), Digital Forensics (VMWare, Autopsy, FTKImager, etc)

- **Soft Skills:** Critical thinking, Teamwork, Problem solving, Communication, Creativity, Adaptive, Responsibility, Commitment

- **Languages:** Indonesia (native), English (professional working proficiency), Japanese (beginner)