



HAFIZH ALFIAN SYAKUR

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| <https://pitchblendelegit.github.io/MyPortfolio/>

I am a fresh graduate in Computer Engineering from Telkom University with a strong focus on Backend Development. I have extensive experience in designing and implementing ERP-based information systems through my thesis project, where I successfully developed 73 RESTful APIs using Node.js. My expertise includes database management with MySQL and cloud platforms such as Microsoft Azure. I am skilled in building scalable backend solutions, integrating Frontend elements, and maintaining secure, high-performance server-side logic.

Work Experiences

BRIN - Bandung

Jun 2023 - Oct 2023

Data Analyst / Internship

The National Research and Innovation Agency (BRIN) is a government institution under and responsible to the President, tasked with conducting research, development, study, and application, as well as invention and innovation, nuclear power management, and integrated space management.

- Conducted data analysis for public health research, using predictive models and data visualization techniques to derive actionable insights.
- This role enhanced my ability to work with large datasets and analyze trends—skills that translate into effective system data handling and reporting.

Education Level

Universitas Telkom - Bandung

Sep 2020 - Aug 2024

Bachelor of Computer Engineering, 3.29/4.00

Organisational Experience

Capstone Design - Telkom University

Oct 2023 - Aug 2024

Backend Developer

Capstone Design is the culmination of an undergraduate student's experience at Telkom University, aimed at developing technical skills through practical application. It combines theory and experience with the use of other relevant knowledge and skills.

- Designed and implemented Hyperial, a material management platform aimed at optimizing inventory processes through automation.
- Developed over 70 RESTful APIs that handle core business logic, ensuring fast and reliable data exchanges within the system.
- Focused on creating modular, maintainable code that supports key features like authentication and integration of ERP modules.
- Worked closely with frontend developers to ensure the smooth flow of data and enhance the user experience.
- Managed and optimized databases using MySQL and Microsoft Azure, focusing on maintaining data integrity and system efficiency.

Lab EvConn - Telkom University

Feb 2023 - Dec 2023

Laboratory Assistant

Everything Connected (EvConn) is a research lab related to the fields of Networking and Computer Network and Cloud Computing Practicum. EvConn lab facilities include computers, laptops, and networking devices that support smooth research activities, such as switches, routers, and computers.

- Assisted in computer network and cloud computing labs, guiding students through complex technical concepts.
- Managed lab equipment and resources, ensuring that research activities were conducted efficiently.
- Participated in specialized training on networking devices, gaining deeper insights into how systems communicate in distributed environments.

Himpunan Mahasiswa Teknik Komputer - Telkom University

Aug 2022 - Jun 2023

Staff

The Computer Engineering Student Association (HMTK) is a student organization that serves as a platform for students' personal development in academic, non-academic, and leadership areas. HMTK aims to strengthen relationships among students, facilitate activities that enhance technical competencies and soft skills, and play an active role in advancing the Computer Engineering study program.

- Managed official documents like event proposals, invitation letters, and meeting minutes to ensure smooth communication across the department.
- Led the organization of the 2023 freshman welcoming event, overseeing planning, execution, and coordination with multiple teams.
- Acted as the liaison between event organizers and participants, ensuring clear communication and smooth event operations.

Skills, Achievements & Other Experience

- **Programming Languages:** JavaScript, TypeScript, Python, C, Java, HTML, CSS,
- **Frameworks:** Node JS, Express JS, React JS, Vite JS, Next JS
- **Databases:** MySQL, MongoDB
- **Soft Skills** ✓: API Development, Database Management, Web Development, Problem Solving, Microservices, ERP
- **Tools & Technologies:** Postman, Git, MySQL Workbench, Microsoft Azure, AWS, Visual Studio Code
- **Project** ✓ (2024): Backend Developer / Final Project Journal