Muhammad Fabil

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A dedicated and enthusiastic Informatics Engineering fresh graduate from Institut Teknologi Sumatera with a strong passion for web development and information technology. Experienced in building modern web applications and actively involved in the student executive body through the External Relations Department, demonstrating strong communication and collaboration skills.

Education

Institut Teknologi Sumatera   **Lampung**
Bachelor's Degree in Informatics Engineering (S.Kom.)   **2021-2025**
GPA   : 3.5 / 4.0
Thesis : Development of a Study Program Administrative Queue System Based on PWA Using the Extreme Programming Method (Case Study: Informatics Engineering Program)
Relevant Coursework: Object-Oriented Programming, Software Engineering, Database Management, Artificial Intelligence, Web Programming, IT Project Management, Human-Computer Interaction, Operating Systems, Information Systems, Computer Networks

Studi Independen MBKM Batch 6 – Dicoding Indonesia   **Online**
React and Back-End Developer Program   **2024**
Completed 900+ hours of intensive full-stack web development training focused on React, Express.js, PostgreSQL, and RESTful APIs. Built and deployed a full-stack capstone project integrating front-end and back-end technologies. Learned software development best practices, including agile methodology, version control with Git, and clean code principles.

Work Experience

Kementerian Perdagangan Republik Indonesia   **Jakarta**
Software Engineer Intern   **June 2024 – July 2024**

- Developed a full-stack web application for automated document data processing and scoring using React.js and Express.js
- Designed and implemented dynamic user interfaces to streamline ISO 9001:2015 compliance evaluation workflows
- Developed robust form logic and conditional rendering mechanisms to ensure precise and transparent score calculations
- Collaborated closely with supervisors to align system functionalities with real-world administrative audit processes and requirements
- Applied Git-based version control in a team environment and actively contributed to weekly peer code reviews for continuous improvement

MarkAny   **Seoul, South Korea - Remote**
Data Annotator - Freelance   **September 2024 – November 2024**

- Labeled and annotated image/text datasets with high precision for AI model training.
- Ensured data consistency and quality through careful verification and refinement.
- Collaborated with research and development teams to improve annotation guidelines.
- Gained experience in data preprocessing and the use of annotation tools in real-world projects.

UPT TIK Institut Teknologi Sumatera   **Lampung**

Computer and Software Lab Assistant   **July 2022 – May 2023**

- Provided assistance in computer and software lab sessions for over 300 students
- Facilitated in-depth technical training sessions on Microsoft Excel VBA and C++, focusing on practical application and skill enhancement Quantify where possible.
- Engaged in active collaboration with lecturers to coordinate practical sessions and optimize student learning outcomes

Projects

- **SIMANTAP (Sistem Manajemen Layanan Administrasi dan Antrean Program Studi)**

  A web-based platform used by 600+ active students to streamline academic administrative services, enabling digital queue registration, status tracking, and real-time updates. Developed using Vite, React.js, Tailwind CSS, PostgreSQL, and PWA technology, the system improves efficiency, transparency, and reduces administrative workload for students, staff, and faculty.

- **ISO 9001:2015 Web App**

  A web-based platform developed for the Inspectorate General of the Ministry of Trade, to manage ISO 9001:2015 documentation and activities. Includes an automated scoring system to evaluate ISO compliance. Built with React.js, Express.js, and PostgreSQL.

- **Dusun 10 Girimulyo Village Web Portal**

  A web application for Dusun 10, Desa Girimulyo, featuring comprehensive hamlet information and an integrated WebGIS for displaying village geospatial data using ESRI's ArcGIS API. Built with HTML, CSS, JavaScript, and ESRI technology.

- **Portfolio Website: <u>Muhammad Fabil's Portfolio</u>**
- **PDF Portfolio   : <u>Muhammad Fabil's Portfolio</u>**

Organizational Experience

ITERA Career Day 2023   **Lampung**

Chief Executive   **May 2023 – September 2023**

- Led the successful execution of ITERA Career Day 2023, a major campus event on career development, attended by over 1,300 students from various disciplines
- Successfully led a team of 100+ committee members across 6 divisions, overseeing event strategy, coordination, and execution
- Collaborated with 7 leading companies, including state-owned enterprises (BUMN), multinational, and national companies to provide career opportunities
- Partnered with a nationally recognized HR figure to deliver expert insights and keynote sessions

Kabinet KM-ITERA 2023   **Lampung**

Staff, Ministry of External Relations   **April 2023 – December 2023**

- Represented the KM-ITERA student cabinet in establishing and maintaining partnerships with external institutions and organizations
- Supported diplomatic and communication efforts to expand KM-ITERA's external network and collaborations
- Assisted in organizing external outreach programs and official correspondence

Himpunan Mahasiswa Informatika ITERA   **Lampung**

Staff, Professional Development and Training Division   **March 2023 – October 2023**

- Organized workshops, training sessions, and seminars to support student development in Informatics Engineering
- Collaborated with external partners and professionals to enhance the quality and impact of development initiativ

Volunteer and Other Experiences

Pagelaran Sabang Merauke 2024   **Jakarta**

Usher Team   **August 2024**

- Supported on-site coordination as part of the usher team during a national cultural performance that highlighted Indonesia's diverse traditions and heritage from Sabang to Merauke

International Conference on Science, Infrastructure Technology and Regional   **Lampung**
Development 2022

Staff, Event Management   **July 2022 – September 2022**

- Contributed to organizing a scientific conference by supporting event logistics, coordination, and flow management

Pramuka Garuda   **Bogor**

Pramuka Garuda Penegak   **March 2021**

- Earned the highest achievement rank in the Indonesian Scout Movement at the Penegak level, demonstrating excellence in leadership, discipline, and community service

Skills & Interests

- **Technical**:, React.js, Express.js, HTML, CSS, JavaScript, PostgreSQL, Git, Microsoft Office,VBA, C++, Python, FastAPI
- **Language**: Indonesian (Native), English (Intermediate Proficiency – actively improving)
- **Soft Skills**: Leadership, teamwork, communication, problem solving, project management, adaptability, time management, event coordination, networking, attention to detail
- **Interests**: Technology and innovation, capital market and finance, event management, networking and relationship building