Muhammad Sultan Raisyah

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PROFILE

Computer Science graduate from Universitas Lampung with internship experience at PetroChina International Jabung Ltd. Passionate Front-End Developer skilled in Vue.js, React.js, Tailwind CSS, and Bootstrap. Experienced in building responsive web interfaces, integrating APIs, and developing lightweight back-end services using Express.js. Developed an Early Warning System for temperature and humidity monitoring. Fast learner, adaptive, and collaborative in team environments.

EDUCATION

Lampung University   2025

Bachelor of Computer Science (S.Kom)

- **GPA**: 3.63
- **Courses** : Software Engineering, Interaction Systems, Multimedia, Web Programming, Industry Case Study
- **Thesis:** Developed a Smart Farming using Internet of Things project assigned by a lecturer, creating a rat repeller device using ESP32-CAM, PIR Sensor, and buzzer to enhance agricultural protection.

EXPERIENCE

PetroChina International Jabung Ltd.   2023
IT Support and Development Internship

- Facilitated communication regarding technological issues and reported malfunctions to the IT division.
- Assisted in assembling fiber optic cables.
- Contributed to the development of the Early Warning System to detect temperature and humidity using ESP8266 and DHT11 sensors.
- Ensured data collected was sent to a database and displayed on a website I developed, enhancing monitoring capabilities.

PROJECTS

Early Warning System (EWS)   2023

- Designed an intuitive UI/UX using Figma and implemented it with HTML, CSS, and Bootstrap.
- Developed the system's front-end and back-end using JavaScript for interactivity and CodeIgniter4.
- Integrated ESP8266 and DHT11 sensors to monitor server room temperature and humidity in real-time.
- Implemented an alert mechanism that triggers a warning if temperature exceeds 30°C or humidity surpasses 80%, helping IT staff prevent overheating issues.

Early Warning System Vue (EWSV)   2025

- Developed a modern web-based Early Warning System (EWS Vue) using Vue.js, Express.js, and Supabase.
- Designed a clean, responsive, and modern UI using Tailwind CSS to improve user experience and visual consistency.

Personal Web Portofolio   2025

Developed a personal web portfolio using Vue.js with a modern and responsive design powered by Tailwind CSS. The site showcases selected projects and skills, providing a clean and structured user experience to highlight professional background and achievements.

SKILLS

Language: English, Indonesian.

Hard Skills: Front-End Development (HTML, CSS, JavaScript, Vue.js, React.js), Back-End Development (PHP, CodeIgniter, Laravel), Database Management (MySQL), User Interface Design (Figma), Version Control (Git, GitHub), Office Tools (Microsoft Excel, Microsoft Word, Microsoft PowerPoint).

Soft Skills: Creativity and Innovation, Communication Skills, Team Collaboration, Problem-Solving Abilities, Critical Thinking, Time Management, Adaptability and Flexibility, Attention to Detail.