Syah Sury Alam

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Informatics Engineering graduate from Lhokseumawe State Polytechnic with international experience through IISMA 2023 in Smart Manufacturing and Robotics, Netherlands. Skilled in **Javascript, PHP**, **Laravel**, and **React.js**, seeking a **Software Engineer** role to apply technical expertise.

Experience

Software Engineer Intern • Gefken Cases Ltd | Sep 2023 | Den Haag, Netherlands

Worked on automating the gluing process for suitcase frames. The challenge was the inefficiency and lack of precision in manual operations. I developed a **web-based** Human Machine Interface (HMI) using **Node.js** and **JavaScript**, and established TCP/IP communication with a robot arm using **Flask**. This integration allowed for precise real-time control and significantly improved the overall production process.

Software Engineer Intern • Brago Luchttechniek BV | Nov 2023 | Den Haag, Netherlands

tasked with optimizing the polyester spraying process on air ducts. I created a web-based HMI that utilized **Node.js** for backend processing and **JavaScript** for the frontend, enabling real-time monitoring and control. By connecting the HMI to the robot arm via TCP/IP and **Flask**, I enhanced spraying efficiency and reduced manual intervention.

IT Support Intern • Perta Arus Gas Lhokseumawe | April 2023 | Aceh , Indonesia

During my internship I aimed to improve internal communication. I developed an internal news website using **Laravel**, conducted user requirement analysis, and implemented features to make content sharing more interactive. As a result, the company experienced improved communication across departments.

Backend Web Dev – Profile Company • IAIN Takengon | Dec 2024 | Aceh, Indonesia

I addressed the need for a professional digital presence by building a company profile website using **Laravel**. I designed it to be modern and responsive, implemented dynamic news management features, and developed the **backend** using a **MySQL** database. This project helped the institution enhance its online visibility and simplify content updates.

Fullstack Web Dev - Interactive E-Learning • IAIN Lhokseumawe | Sep 2022 | Aceh, Indonesia

I developed an interactive e-learning platform to support better access to learning resources. I acted as a **full-stack developer**, handling both the database design and development of core features using **PHP** and **MySQL**. This improved accessibility and user engagement in the learning process.

Fullstack Web Dev - Digital Invitation • Personal Project | 2025 – Present | Aceh, Indonesia

Initiated and developed a customizable digital invitation platform using **Laravel** and **JavaScript**. Users can purchase a package and personalize themes for events . Currently expanding theme variations and adding payment gateway integration to streamline the customer experience.

Achievements & Certificates

Aug 2023 – Jan 2024 | The Hague University of Applied Sciences, Netherlands.

Indonesian International Student Mobility Awards (IISMA) 2023
Completed IISMA vocational track in Smart Manufacturing and Robotics, gaining hands-on project experience in an international setting

Education

- Lhokseumawe State Polytechnic | Diploma IV Informatics Engineering • 2020 - 2024 | GPA: 3.66 / 4.00

- Selected for the Indonesian International Student Mobility Awards (IISMA) 2023, joining the Smart Manufacturing and Robotics program at The Hague University of Applied Sciences, Netherlands.
- Head of Information and Communication Division *Improving English Club of Polytechnic (IECLOP)*

Skills

Programming Languages	Frameworks & Libraries	Database	Languages
HTML5, CSS3, JavaScript, PHP, SQL, Python	Laravel, React.js, Node.js, Bootstrap, Tailwind CSS	MySQL, phpMyAdmin, PostgreSQL	• Indonesian (Native) • English B2