

Falahyan

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SUMMARY

Recent Computer Science graduate from Lampung University with hands-on experience in full-stack development, including a web-based Supply Chain Management (SCM) system using React.js, Node.js, and PostgreSQL. Completed a Full-Stack Web Development bootcamp at Binar Academy, mastering SPAs, API development with Express.js, and database management. Proficient in JavaScript, RESTful APIs, and both front-end and back-end technologies. Strong skills in problem-solving, critical thinking, and teamwork, with a passion for building scalable and efficient software solutions.

PROJECTS

Web Based Supply Chain Management of Scrap Materials

Lampung University

November 2023 - August 2024

Problem : Inefficient management of scrap materials in Bandar Lampung led to operational inefficiencies and environmental concerns.

Solution : Developed a comprehensive web-based Supply Chain Management (SCM) system to optimize the collection, processing, and distribution of scrap materials.

Approach :

- Utilized React.js to create a user-friendly and intuitive interface for stakeholders.
- Employed Node.js and Express.js to build a scalable and efficient back-end.
- Integrated PostgreSQL for reliable and scalable database management.
- Implemented features such as real-time tracking, inventory management, and route optimization.

Result :

- Significantly improved the efficiency of scrap material collection and processing operations.
- Enhanced coordination and communication among stakeholders in the supply chain.
- Reduced transportation costs and environmental impact.
- Increased revenue generation through optimized resource allocation.

Anonymous Confession Platform

Binar Academy

January 2024 - March 2024

Problem : Users faced privacy concerns when sharing personal confessions on traditional social media platforms.

Solution : Developed a secure and anonymous web-based platform enabling users to express themselves freely without fear of judgment or exposure.

Approach :

- Utilized React.js to create a user-friendly and intuitive front-end interface.
- Employed Node.js and Express.js to build a scalable and efficient back-end.
- Implemented robust JWT authentication to ensure user anonymity and data security.
- Leveraged PostgreSQL for reliable and scalable database management.

Result :

- Successfully facilitated over 1.000 of anonymous posts and comments during testing, demonstrating the platform's potential to foster open and engaging discussions.
- Created a safe space for users to share their thoughts and experiences without fear of judgment or repercussions.
- Contributed to building a more inclusive and supportive online community.

EXPERIENCE

PT. Tunas Dwipa Matra

Internship System Developer

Bandar Lampung, Indonesia

June 2023 - November 2023

- Developed and implemented a custom module using Odoo Framework, optimizing workflows and enhancing operational efficiency for a motorcycle retail company, significantly improving daily operations.
- Analyzed key business challenges and tailored solutions that addressed inefficiencies, leading to a 25% reduction in manual processing time.
- Streamlined inventory management processes through automation, improving stock accuracy by 30% and reducing delivery errors.
- Improved user experience by designing intuitive interfaces, resulting in a 15% increase in system adoption and faster training for new employees.
- Collaborated with cross-functional teams to ensure seamless integration with existing systems, enhancing overall system performance and reliability.

Radar Lampung TV

Internship IT Support

Bandar Lampung, Indonesia

January 2023 - February 2023

- Delivered technical support for hardware, software, and network issues, achieving a 95% first-contact resolution rate, significantly enhancing user satisfaction.
- Managed and maintained company-wide IT infrastructure, including servers, workstations, and mobile devices, ensuring minimal downtime and optimal system performance.
- Assisted in the installation, configuration, and troubleshooting of operating systems and software applications across Windows, macOS, and Linux platforms, ensuring seamless functionality.
- Provided end-user support for email, printers, remote access, and other IT-related issues, increasing productivity and reducing resolution times.
- Implemented proactive system monitoring and maintenance processes, resulting in a 20% reduction in technical incidents.

EDUCATION

Fullstack Web Developer, Binar Academy

Score : 5.0 / 5.0

August 2023 - March 2024

Computer Science, Lampung University

Bachelor Degree

GPA : 3.42 / 4.0

August 2019 - August 2024

CERTIFICATIONS

Front End Development Libraries

freeCodeCamp

September 2023

Junior Web Developer

Badan Nasional Sertifikasi Profesi (BNSP)

June 2022 - June 2025

Javascript Algorithms and Data Structures

freeCodeCamp

September 2023

Web Applications Development with React

Dicoding Indonesia

October 2023 - October 2026

Back End Development and APIs

freeCodeCamp

September 2023

SKILLS

- Programming (Javascript, Python, PHP, Dart, Java, C++)
- Front End Development (React.js, CSS, HTML, SPAs, Redux.js)
- Back End Development (Node.js, Express.js, RESTful API, ORM, Authentication, Authorization)
- Databases (Role Management, SQL, NoSQL, PostgreSQL, MongoDB)