

SADAM

SENIOR SOFTWARE ENGINEER

Bali, Indonesia 

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Experienced Software Engineer with over 3 years of expertise in designing, developing, and deploying scalable software solutions. Skilled in leveraging Artificial Intelligence (AI) to enhance decision-making and drive innovation. Adept at solving complex problems and optimizing system performance to meet and exceed business objectives.

Skills

- **Programming Languages:** JavaScript, TypeScript, Go (Golang), PHP, Python, SQL
- **Frameworks & Libraries:** React, Next.js, Express.js, Laravel, Flask
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Technologies:** Docker, Linux, Cloud (AWS), OpenAI, MQTT
- **Tools:** Git, Jira, Figma
- **Soft Skills:** Leadership, Team Collaboration, Problem-Solving, Project Management

Work Experiences

Tech Lead | PT Satria Nusa Enjinering | Medan, Indonesia (Remote)

Jul 2024 – present (Contract)

- Lead a team of developers in creating a web-based monitoring system for real-time industrial machine monitoring via IoT.
- Implement AI algorithms to analyze sensor data and detect anomalies, enhancing operational efficiency.
- Oversee the development lifecycle from conception to deployment, ensuring timely and efficient project delivery.
- Successfully deployed a comprehensive monitoring system that improved operational efficiency and reduced downtime.

Software Engineer | PT Nusa Aksara Teknologi (Sustainable Living Lab Indonesia) | Medan, Indonesia (Remote)

Nov 2023 – Jun 2024 (Contract)

- Full-stack developer with a primary focus on back-end development for an education system platform.
- Developed a platform that assists educators in preparing lesson plans using AI to recommend tailored lesson plans.
- Successfully enhanced the platform's scalability and performance, accommodating a growing user base.

Web Developer | PT Wiraharja Graha Software | Sidoarjo, Indonesia (Remote)

May 2022 – Sep 2023 (Contract)

- Developed a multi-platform pharmacy management system with features like inventory management, point of sales, and reporting.
- Collaborated with a fellow developer to ensure seamless integration between desktop and web platforms.
- Enhanced system scalability and performance, improving operational efficiency for various pharmacies.

Front-end Software Engineer Intern | Jojobug Tech Pte. Ltd. | Singapore (Remote)

April 2022 – November 2022 (Internship)

- Translated UI/UX designs into high-quality, responsive front-end code using React and Next.js.
- Collaborated on company's landing page rebranding, contributing to its modern and engaging appearance.
- Worked closely with UI/UX Designers to ensure alignment with their creative vision.

Web Developer Intern | DPKKA Universitas Airlangga | Surabaya, Indonesia (Remote)

January 2021 – September 2021 (Internship)

- Performed maintenance and updates on the career center's website.
- Developed and integrated features including live-chat helpdesk, newsletter subscription, and online career counseling.
- Provided technical support and resolved issues related to the website's performance and features.

Education

Associate's Degree in Information System

Universitas Airlangga, Surabaya, Indonesia

August 2018 – January 2022

- GPA: 3.52/4.00
- Served as Communication and Informatics Staff of the Information System Student Association from 2019 to 2021.
- Served as Communication and Informatics Staff at the Student Executive Board of the Faculty of Vocational Studies from 2019 to 2020.

Recent Projects

LayanObat

Desktop & Cloud-based Application | 2022-2023 | <https://layanobat.com>

- Developed the backend system of an intuitive pharmacy store management application.
- Key features include inventory management, order processing, point of sales, CRM, and report generation.

Airlangga Tracer Study System (ATSS)

Web Application | 2021-2022 | <https://tracerstudy.unair.ac.id>

- Developed a web-based platform for collecting alumni career data through online surveys.
- Notable features include survey creation, email outreach, and report generation.

Career Counseling App (CCA) DPKKA Universitas Airlangga

Web Application | 2021 | <https://dpkka.unair.ac.id>

- Designed and developed a web-based chat application facilitating online career counseling between students or alumni and counselors.
- Features include counseling scheduling, invitation emails, and encrypted chat rooms.