MUHAMMAD NAJMI BRILIANT

+62816-1726-6111 | briliantnajmi@gmail.com | linkedin/muhammad-najmi-briliant | https://najmibriliant.vercel.app | Github/Briliant22 | DKI Jakarta, Indonesia

An Information Systems student at the University of Indonesia, who is diligently cultivating skills to become a software engineer. My journey is marked by hands-on projects, to enhance my proficiency and broaden my technical expertise.

EDUCATION

UNIVERSITAS INDONESIA   Depok, West Java
Bachelor of Information Systems, Faculty of Computer Science (IPK 3.81)   Jun 2022 - Current
Relevant Coursework: Programming Foundations 1 & 2, Data Structures and Algorithm, Platform-Based Programming, Enterprise Application Architecture & Programming, Database, Information System Analysis and Design, IT Project Management
Languages: Python, Java, Javascript, Typescript, Dart
Tech Stacks: Spring Boot, Django, FastAPI, Next.js, Remix, React, HTML/CSS, Tailwind CSS, Bootstrap, Flutter, PostgreSQL, MongoDB, git, Figma

EXPERIENCE

- **SOFTWARE ENGINEER INTERN**   Feb 2025 - Jun 2025

  Lab Information Retrieval & Natural Language Processing Faculty of Computer Science UI
    - Developed a full-stack sentiment analysis web application utilizing Next.js for the frontend, FastAPI for the backend API, and Python for data processing, delivering real-time sentiment insights from Twitter data.
    - Defined product requirements and user flows in collaboration with academic advisors, ensuring alignment with research objectives and usability goals.
    - Created documentation and onboarding material for future development teams, improving handover efficiency and long-term maintainability of the product.

- **PRODUCT DELIVERY INTERN**   Aug 2024 - Nov 2024

  AI Rudder
    - Collaborated with product delivery and engineering teams to optimize AI-powered voice and chatbot solutions, improving response accuracy by 20% and enhancing user experience.
    - Conducted detailed flow and data analysis of voice and chatbot interactions, identifying key inefficiencies and implementing improvements that increased automation success rates by 15%.
    - Analyzed voice bot recordings to maintain high-quality interactions, contributing to a 30% reduction in chatbot error rates and ensuring seamless customer communication.

- **TEACHING ASSISTANT OF PROGRAMMING FOUNDATIONS 2**   Jan 2024 - June 2024

  Teaching Assistant at University of Indonesia
    - Assisted in teaching foundational programming concepts using Java to 400+ students, improving overall class comprehension and coding proficiency.
    - Collaborated with the lecturer and fellow teaching assistants to prepare and grade 50+ assignments and labs, ensuring fair and consistent evaluation.
    - Conducted weekly tutorial sessions, resolving 90% of student queries related to coursework and programming projects, enhancing their understanding of Java, leading to a 100% student assignment completion rate.

PROJECTS

- **SIJAGUNG - DAILY FRESH INTERNAL SYSTEM**   Feb 2025 - May 2025

  PT. Daily Fresh Indonesia • (Internal System)
    - Led the development of 'SiJagung,' an internal information system to digitalize and centralize production, warehouse, and purchasing operations for PT. Daily Fresh Indonesia.
    - Implemented features for real-time stock monitoring, management of raw materials and finished goods, and streamlined purchasing processes, aiming to reduce human error and increase efficiency by up to 90%.
    - Designed and built the system with a 3-tier architecture, utilizing Next.js for the front-end, Spring Boot for RESTful APIs in the back-end, and PostgreSQL for the database, deployed on Google Cloud Platform.

- **VOLKER INTERNAL PROJECT MANAGEMENT AND DASHBOARD WEBAPP**   April 2025 - May 2025

  Volker Indonesia • (Internal Website)
    - Developed an internal project tracking and financial dashboard to streamline team collaboration, expense management, and incentive distribution, using Next.js, TypeScript, and Tailwind CSS for a responsive and scalable interface.
    - Implemented role-based access control with SSO integration, ensuring secure authentication and tailored workflows for approval hierarchies, financial monitoring, and project assignments.
    - Designed real-time financial dashboards with dynamic charts and exportable reports (Excel), enabling teams to track income, outcomes, and pending transactions, while automating incentive calculations for finished projects.