

Jason Edward Salim

Undergraduate student in Computer Science / Informatics at Institut Teknologi Bandung.

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EDUCATION

Institut Teknologi Bandung Bandung, Indonesia
Bachelor of Engineering Expected Oct 2028
Major in Computer Science/Informatics Engineering;
Cumulative GPA: 3.99/4.0;
Relevant Coursework: Software Engineering; Algorithms and Programming; Operating Systems

WORK EXPERIENCE

Inkubator IT Bandung, Indonesia
Technology Development Associate Oct 2025 - March 2026

- Developed customized client websites based on project requirements, ensuring alignment with design, branding, and functionality goals.

PROJECTS

AKUMASUKITB - University Introduction Event Website Dec 2025

- Directed a cross-functional team to develop and launch a scalable e-commerce and event registration solution that captured over Rp190M in sales during its first quarter of operation.
- Built the project infrastructure using PERN codebase with automated CI/CD workflows and Docker containerization.

Mjolnir - Document Recommendation App Nov 2025

- Designed and implemented a digital library system featuring PCA-based search and LSA-based text recommendation for books.
- Built with a Go backend and Typescript frontend with Docker containerization for reproducible and portable deployment.

IMPACT - Competition Event Website Mar 2025

- Coordinated full-stack development of the main website using Next.js, TypeScript, Supabase, and TailwindCSS, enabling seamless registration and dashboard access for over 1000+ across competitions and other events.
- Deployed TLX Judgels as a real-time competitive programming code grading platform and Moodle to facilitate STEM competitions.

ACTIVITIES & ORGANIZATIONS

TEDxITB Bandung, Indonesia
Deputy Director of IT Oct 2025 - Present

- Co-led the development of the official website for TEDxITB 9.0.

Aku Masuk ITB Bandung, Indonesia
Director of IT Oct 2025 - March 2025

- Led a team of 12 developers to build a comprehensive e-commerce platform for event registration and merchandise sales, actively contributed to code quality through hands-on debugging and QA testing.

ITB Graduation Parade Bandung, Indonesia

Deputy Head of IT

Aug 2025 - Oct 2025

- Co-led and developed the official website for Parade Wisuda Oktober ITB 2025 serving as the information hub and a digital showcase for graduating students' theses.

OSKM ITB

Bandung, Indonesia

Back End Engineer

Jul 2025 - Aug 2025

- Built scalable class registration API endpoints for 5000+ freshmen participants.

Google Developer Groups on Campus

Bandung, Indonesia

Learners

May 2025 - Jan 2026

- Participated in learning sessions focusing on modern software engineering practices and Google technologies.

CERTIFICATIONS

Back End Development and APIs

freeCodeCamp

Issued Feb 2025

- Built Node.js/Express back ends and RESTful APIs with MongoDB and Mongoose.

JavaScript Algorithms and Data Structures

freeCodeCamp

Issued Jan 2025

- Finished certification in modern JS with extensive DSA problem-solving.

Responsive Web Design

freeCodeCamp

Issued Jun 2024

- Completed projects with semantic HTML and modern CSS for mobile-first, responsive layouts.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Go, JavaScript/TypeScript

Website Development: HTML/CSS, React, Next.js, Node.js/Express, Hono, Supabase

Databases: PostgreSQL, MongoDB (Drizzle, Prisma, Mongoose)

DevOps: Docker, GitHub Actions, GCP, CI/CD

ADDITIONAL

Languages: Fluent in Bahasa Indonesia, English; Conversational Proficiency in Chinese, Japanese