

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 - May 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 Rp200M 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 - Mar 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.

AWARDS

1st National Winner AI Ready ASEAN Youth Challenge AI Singapore
Issued May 2025

- Centralized flood mitigation solution reduced 93% flood verification time.

Top 8 Grand Finalist Harvard Health Systems Innovation Lab Hackathon - Indonesia Harvard HSIL
Issued Apr 2025

- ADHD early warning and relapse prevention application.

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