

Fahmi Ramadhan

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EDUCATION

Universitas Indonesia

Bachelor's degree in Computer Science

- Current Cumulative GPA: 3.86/4.0

Jul 2022 — Present

Depok, West Java, Indonesia

EXPERIENCE

Teaching Assistant

Faculty of Computer Science, Universitas Indonesia

Aug 2023 — Jun 2025

Depok, West Java, Indonesia

- **Programming Foundations 2** (Jan 2025 - Jun 2025): Created OOP assignments, supervised lab sessions, graded homework, lab assignments, and quizzes.
- **Data Structures and Algorithms** (Jul 2024 - Jan 2025): Created lab problems on graphs and AVL trees, mentored 16 students with programming assignments, supervised exams and lab sessions, and conducted tutoring sessions.
- **Discrete Mathematics 2** (Jan 2024 - Jun 2024): Created graph connectivity assignments, graded assignments, supervised exams and lab sessions, and conducted tutoring sessions.
- **Discrete Mathematics 1** (Aug 2023 - Dec 2023): Created logic assignments, graded assignments, supervised exams and lab sessions, and conducted tutoring sessions.

Software Engineer

COMPFEST

Feb 2024 — Nov 2024

Depok, West Java, Indonesia

- Built main website landing page, achieving 102k total visitors.
- Developed backend APIs for user profiles, interview schedules, and booking systems.
- Created frontend sections for the staff recruitment page showcasing core values and work culture.
- Developed dynamic event page sections including highlights, talks, and finalist lists.

Vice Head of IT & Broadcast

OKK UI 2024

Jun 2024 — Aug 2024

Depok, West Java, Indonesia

- Co-led 5 staff members in creating a campus life orientation website to provide information about orientation activities, group assignments, and orientation mission submissions.
- Successfully delivered the website, which served over 9,000 new students throughout the orientation period.

PROJECTS

Full-Stack Web Developer, RELIC - Repository of Early Literary and Indigenous Codices

relic.id

- Collaborated with the Philology Department of the Faculty of Cultural Sciences (Fakultas Ilmu Pengetahuan Budaya), Universitas Indonesia, to develop relic.id, a digital platform that preserves and promotes Indonesia's cultural heritage.
- This project won 1st Place in the Student Creativity Program in Science and Technology Application (PKM-PI) OIM UI 2024.

Full-Stack Web Developer, Temanusa - Temu Manuskrip Nusantara

temanusa.com

- Collaborated with the Philology Department of the Faculty of Cultural Sciences (Fakultas Ilmu Pengetahuan Budaya), Universitas Indonesia, to develop Temanusa, a search engine designed to help people easily and quickly find information about Indonesia's ancient manuscripts from various collections. Built using Elasticsearch for robust and scalable search capabilities.

Full-Stack Web Developer, Mutari

mutari.id

- A comprehensive travel planning platform that helps users find, create, customize, and share itineraries with friends and family, as well as book tour packages directly for a seamless travel experience.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, Java, Go, Dart
- **Technologies:** React, Next.js, Spring Boot, Express.js, NestJS, Flutter, Django, tRPC, Tailwind CSS, Git, UNIX, Docker, Google Cloud Platform, Elasticsearch, SonarQube, JUnit, Jest
- **Languages:** Bahasa Indonesia (Native), English (Intermediate)