

# NAFIS AZIZI RIZA

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## EDUCATION

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### Universitas Indonesia

Aug 2021 - Jun 2025

- Bachelor of Computer Science / Sarjana Ilmu Komputer (S.Kom)
- Relevant Coursework: Data Structure & Algorithm, Platform Based Development, Database, Operating System, Computer Organization

### National University of Singapore

Jan 2023 - May 2023

- Exchange students under ASEAN University Network Program, awarded UI RISE Scholarship
- Coursework: Design and Analysis of Algorithm, Interaction Design, Computer Network, Software Engineering & OOP, Programming Methodology II

## SKILLS

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### Programming Languages

C++, Python, Java, Kotlin

### Web/Mobile Development

React, Node, Typescript, Javascript, HTML, CSS, Django, Flutter, Dart

### Data, AI/ML

MySQL, PostgreSQL, MongoDB, TensorFlow, Keras, PyTorch, Scikit-Learn

## EXPERIENCE

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### Software Engineer Intern

Jul 2023 - Present

Telkom Indonesia

*Jakarta, Indonesia*

- Wrote comprehensive unit tests & integrated tests to ensure robustness and accuracy of backend systems by identifying and fixing critical bugs and errors before deployment.
- Collaborated with a team of 10+ developers to develop the platform

### Teaching Assistant

Aug 2022 - Jan 2023

Universitas Indonesia

*Jakarta, Indonesia*

- Taught and mentored a group of 8-9 students resulting in improved student performance and engagement.
- Led weekly lab meetings, created and assessed labs and programming assignments, tracking measurable progress and observing an average grade improvement of 75% among students.

### Data Science Academy Staff

Apr 2022 - Nov 2022

Data Science Academy - COMPFEST 14

*Jakarta, Indonesia*

- The biggest IT event in Indonesia organized by students, aims to maximize the potential of technology.
- Developed 7+ the [pre-module for the Data Science Academy](#) (ML Libraries, Statistics, Python tools) and measured the curriculum to ensure its effectiveness & relevance.

## PROJECTS

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### Peopl. Ultimate Online Discussion Forum For Youth Empowerment

- Spearheaded the development a platform that offers secure anonymous discussions, and personalized match-making features. Coded with Node, React and MongoDB. [Project link](#)
- Won 1st Place in Garuda Hacks 4.0 against 195 participants.

### MatkulGue, University Course Catalog, Timetable Builder, and Course Planner

- Built a MERN stack web application for creating a course catalog and building personalized timetables. Incorporated a RESTful API to provide secure and efficient data access, enabling seamless integration.
- Scraped the course information (14K+) from the university official websites and setting up the database

### SEANMEA, One Stop Movie Booking App

- Coded using React and TypeScript, enabling 20+ users to browse and book movie tickets from various showtimes. [Project link](#)
- Implemented a backend server using Node.js and Express, integrating with a PostgreSQL database. Completed with secure authorization using JWT and encrypt with salted password.

### ACB-ISBE, Conference Proceeding App, Web & Mobile App Version

- Designed and developed an app to enable 1600+ conference participants to access various informations of the conference using Python Django framework and Flutter.
- Managed the design and processing of the 500+ app's data, and created a robust search feature

### SIREST, Fullstack Web App for Restaurant Order and Delivery

- Designed and executed the database schema using PostgreSQL alongside with a team of 5.
- Built the app by utilizing Django for 4 different roles, ensuring seamless user experience and functionality.

## ACHIEVEMENTS & HACKATHONS

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- **1st Place Youth Empowerment Hack** at Garuda Hacks, The biggest Hackathon in South East Asia.
- **Top 20 (from 200+ teams) of Information technology Business Competition, Gemastik 2022.** The biggest IT competition in Indonesia held by Ministry of Education.