

Muhammad Rafi Nazir Pratama

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EDUCATION

Universitas Indonesia
S.Kom in Computer Science

Expected Graduation, May 2028

SKILLS

- **Programming:** Python, JavaScript, TypeScript, SQL, HTML/CSS, GDScript, Rust
- **Frameworks & Libraries:** React.js, Node.js, Express.js, PostgreSQL
- **Developer Tools:** Git, GitHub, Godot Engine, Gemini API
- **Languages:** English (Fluent), Indonesian (Native)

PROJECTS

Career Path Compass Hub

PostgreSQL | ExpressJS | ReactTS | NodeJS

*Winner of Best Tech Implementation and Best UI/UX Design
Team Lead*

- Led a team of 3 to design, develop, and deploy a full **PERN-stack** web application assisting students in tech career path selection
- Architected the application, developed core features including user authentication with **PostgreSQL** as database and personalized career suggestion algorithms, and integrated the **Gemini API** for enhanced recommendation capabilities
- Actively using developer tools such as **Git** and **GitHub** for version controlling

Video Game Sales and Review Analysis

SQL

- Performed in-depth analysis of a dataset covering **~400** top video game titles (**1977-present**)
- Authored complex **SQL** queries involving joins, aggregations, and window functions to extract insights on sales trends, critic/user review correlations, and genre performance
- Identified key industry trends, including **best-selling genres**, **top-rated years**, and periods of **high critical acclaim** ("golden ages")

EXPERIENCES

Google Developer Group On Campus UI

Member

Dec 2024 - Present

- Led a team of 3 to victory in the GDG On Campus UI Hackathon, securing "**Best Tech Implementation**" and "**Best UI/UX Design**" awards.
- Architected and developed **REST APIs** for the "Career Path Compass Hub" project using React, Node.js, Express, and PostgreSQL
- Actively participate in workshops and tech talks, focusing on emerging **AI** technologies and **cloud computing**

OpenHouse Fasilkom

Aug 2024 - Sept 2024

Business Development Team

- Contributed to fundraising initiatives for OpenHouse Fasilkom through strategic merchandise sales and vendor relations
- Successfully identified and liaised with merchandise vendors, ensuring cost-effectiveness

Scouts

Aug 2021 - Sept 2023

Core Team

- Selected as a **representative** for the Indonesia Contingent at the **World Scout Jamboree Korea 2023**, demonstrating leadership and adaptability
- Actively participated in initiatives that enhanced the school scouts' program visibility and engagement

SkyAvenue

Jan 2023 - Aug 2023

Funding Committee

- Collaborated within a 30-member committee on daily sales of merchandise, food, and beverages, contributing to SkyAvenue achieving a net profit of **IDR 130 million** within six months