

Muhammad Rafi Nazir Pratama

Indonesia Citizen | mnazirpratama@gmail.com | <https://www.linkedin.com/in/rafinazir/> | <https://github.com/sirpratama>

ABOUT

I am an international undergraduate student at the Faculty of Computer Science, University of Indonesia, with a passion for solving real-world problems. My journey is driven by a unique blend of technical expertise and human-centric thinking, bridging the gap between code and meaningful impact. Armed with a diverse toolkit spanning SQL, Python, Node.js, and a multicultural perspective, I'm not just building software, I'm crafting digital experiences that empower and inspire.

EDUCATION

Universitas Indonesia *Expected Graduation, May 2028*

S.Kom in Computer Science

SMA Labschool Kebayoran *June 2021 - May 2024*

MIPA

EXPERIENCES

Google Developer Group On Campus UI

Member *Dec 2024 - Present*

- Winner of Best Tech Implementation and Best UI/UX Design for Google Developer Group On Campus UI Hackathon

OpenHouse Fasilkom

Aug 2024 - Sept 2023

Business Development Team

- Contribute to raising OpenHouse Fasilkom funds by selling OpenHouse Fasilkom merchandise
- Played a role in finding merchandise vendor

Scouts

Aug 2021 - Sept 2023

Core Team

- Indonesia Contingent Representative for World Scout Jamboree Korea 2023
- Contribute to raising school scouts status by participating in various activities

SkyAvenue

Jan 2023 - Aug 2023

Funding Committee

- Played a role in helping achieve a net profit of 130 million rupiah in six months.
- Contribute with other 40 committee members to sell merchandise, beverages, and foods on a daily basis for external funds
- Managing finance reports to record daily income and expense transactions and to design financial reports with transparency and responsibility

SkyliteMusicals

Jan 2023 - Aug 2023

Funding Committee

- Contribute with other committee members to market and sell merchandise, beverages, foods on a daily basis for external funds
- Played a role in finding consumption and merchandise vendor

SkyBattle

Oct 2022 - Feb2023

Production Committee

- Contribute in finding merchandise, consumption and venue vendors for the continuity of the event by prioritizing efficiency and price

PROJECTS

Career Path Compass Hub

May 2025

Winner of Best Tech Implementation and Best UI/UX Design

Team Lead

- Developed a Full-stack web for Google Developer Group On Campus UI Hackathon with 2 other teammates that help students decide their perfect tech career path by integrating Gemini API
- Created using PostgreSQL for database, Express for web framework, Node.js for javascript runtime environment, React TypeScript for front-end

Video Game Sales and Review Analysis

April 2025

- Leveraged SQL to join, aggregate, and analyze historical video game sales and review data (critic/user scores) for ~400 top titles since 1977
- Identifying best-selling games, top-rated years, and potential 'golden age' periods

RPG Knight Game

- Developed a simple RPG video game using Godot Engine
- Created using GDScript

COURSES

DataCamp

Joining Data in SQL

April 2025

- Learn how to work with multiple tables in SQL by navigating and extracting data from various tables within a SQL database using various join types, including inner joins, outer joins, and cross joins

Intermediate SQL

April 2025

- Uses a films database to teach how to navigate and extract insights from the data using SQL
- Discover techniques for filtering and comparing data, working with aggregate functions, and practices for presenting data and queries neatly

Introduction to SQL

April 2025

- Covering data organization, tables, and best practices for database construction

Coursera

Fundamentals of Quantitative Modeling

October 2024

- Learn the key ideas and process of quantitative modeling, practice by creating a simple quantitative model

SKILLS

- **Programming:** SQL, Python, Node.js, React.ts, TypeScript, HTML/CSS, Rust, GDScript, MIPS
- **Critical Thinking:** Possess the ability to critically analyze problems such as reading and identifying company financial reports
- **Teamwork:** Able to adapt and communicate between partners despite new environment
- **Communication:** Able to communicate in English and Indonesian fluently
- **Volunteering:** Have the experience and eagerness to help others unreciprocated
- **Public Speaking:** Able to communicate and present in front of peoples