



Rafli Arrasyid

**Full-Stack Development & Data Analyst Enthusiast |
Information Technology & System Education
Student, Indonesia University of Education**

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SUMMARY

Undergraduate student in Information Technology and System Education at Indonesia University of Education who cares about contemporary information-technology issues such as data security, privacy, accessibility, and responsible AI. As a freelance Full-Stack Developer, I have delivered multiple projects for startups and industry partners, building dashboards, e-commerce features, LMS prototypes, and microsites from requirements to deployment using React, Tailwind CSS, Node.js/Express, and SQL. Active in student organizations, I lead aspiration and education initiatives, coordinate programs, and translate student feedback into actionable improvements.

CORE SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C, C#, PHP, SQL

Frontend: HTML, CSS, Bootstrap, Tailwind CSS, React.js, Chart.js, Web Design

Backend: Node.js (Express)

Tools: Git, GitHub, Jupyter Notebook

Focus Areas: Full-stack Web Development, Data Analysis

EDUCATION

Universitas Pendidikan Indonesia (UPI) — Bachelor's Degree, Information Technology and System Education (Aug 2023 – Present)

SMAN 1 Padang Panjang — Mathematics and Natural Science (2020 – 2023)

TRAINING

- Fullstack Development Learning Path — Dicoding Indonesia (2023 – Present)
- Fullstack Development Learning Path — Skilvul (2023 – Present)

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

Chairman of Aspiration Agency | Dec 2024 – Present

DPM REMA UPI Purwakarta (Student Representative Council) — Purwakarta, West Java, Indonesia

- Coordinated the Aspiration Agency team and ensured timely follow-up of student aspirations.
- Oversaw collection, classification, and documentation of feedback to support communication with institutional leaders.

Aspiration Agency Member | Feb 2024 – Nov 2024

DPM REMA UPI Purwakarta (Student Representative Council) — Purwakarta, West Java, Indonesia

- Reses: engaged with each study program to collect, compile, and classify student aspirations; formalized into official documents for follow-up.
- Executive Aspiration: evaluated major student executive programs by gathering participant feedback, satisfaction levels, and improvement suggestions.

Head of Aspiration Agency | Dec 2024 – Present

HIMA PSTI UPI (Student Association)

- Coordinated the aspiration agency team within the association and followed up on aspirations from Information Technology & System Education students.

Education Department Staff | Feb 2024 – Nov 2024

HIMA PSTI UPI (Student Association) — Purwakarta, West Java, Indonesia

- Managed the Public Lecture program for the study program; delivered 3 sessions during one management period.

Web Development Member | Oct 2023 – Oct 2024

Google Developer Student Clubs (GDSC) UPI

- Participated in web development learning and community activities.

PROJECTS

HSE Dashboard

- HSE Dashboard is a web application that provides a comprehensive overview of health, safety, and environment (HSE) data. It offers a user-friendly interface for visualizing and analyzing HSE metrics, trends, and key performance indicators (KPIs). The dashboard is built using modern web technologies, including React for the frontend and Node.js with Express for the backend.
- Link: hse-dashboard-bice.vercel.app/

E-Commerce Website

- The final project for the Supply Chain Management course was e-commerce. In this project, I served as Project Lead, responsible for guiding and directing the e-commerce project, which utilized extreme programming techniques.
- Link: nanasu-chi.vercel.app/

Learning Analytics for LMS

- An in-progress Learning Analytics-driven LMS prototype that combines learning analytics, light gamification, and AI in education to turn activity data into actionable insights. The analytics focus spans 21st-century competencies including 4S and the 6Cs, plus peer and group skills such as participation, reciprocity, and contribution quality.
- Link: la-opal.vercel.app/

Microsite of Coffee Shop

- A microsite to support the sales of 'DripBeans' coffee products for the fulfillment of assignments in the Technopreneurship course.
- Link: drip-beans.vercel.app/

SQL Practice Lab

- Gamified Database Learning Website" is an interactive platform that turns ERD, normalization, and SQL into tiered quests with XP, badges, and a leaderboard.
- Link: gamification-database-learning.vercel.app/

NeoNFT Website Design

- This project is a modern NFT website prototype built with React and TypeScript via Vite, featuring a sleek dark, responsive UI powered by shadcn/ui (Radix primitives), Tailwind utilities, and Lucide icons.
- Link: neonft-web-prototype.vercel.app/

Analysis of LLMs Usage

- With the rapid development of Large Language Models (LLM), analysis of how these models are used and perceived by users is becoming increasingly important.
- Link: github.com/raphael111104/Analisis-Penggunaan-LLMs

Gramedia Purwakarta Book Sales Analysis – UPI Purwakarta Collaboration

- This analysis maps book sales patterns at Gramedia Purwakarta as a basis for stock, promotion, and shelf layout decisions. Collaboration with UPI Purwakarta positions the analytical results as a bridge between academic and student needs and the store's retail strategy.
- Link: github.com/raphael111104/Analisis-Penjualan-Buku-dan-Peluang-Kerjasama

Landing Page of ROTASI'24

- A website used as an introduction and assignment platform for new students. This website was created to complement the existing ROTASI assignment website, which previously lacked a landing page.
- Link: rotasi2024.vercel.app/

Data Analysis Project: Bike Sharing

- This project was created as a form of fulfillment of the final assignment in the class "Belajar Analisis Data dengan Python" from Dicoding Indonesia.
- Link: github.com/raphael111104/Proyek-Analisis-Data-Bike-Sharing/blob/main/Proyek_Analisis_Data.ipynb

Simple Base of WhatsApp Bot

- A simple base from an autoresponder or WhatsApp bot that can still be developed further according to the required needs
- Link: github.com/raphael111104/Simple-Selfbot

B'Forward Class Website

- This website was created as collateral for the Final Semester Exam for Introduction to Information Technology and System Education
- Link: proyek-uas-ppsti.vercel.app/

CERTIFICATIONS

- Alibaba Cloud's Machine Learning Platform: PAI — Alibaba Cloud
- Belajar Membuat Front-End Web untuk Pemula — Dicoding Indonesia
- Belajar Analisis Data dengan Python — Dicoding Indonesia
- Belajar Membuat Aplikasi Back-End untuk Pemula — Dicoding Indonesia
- Certified Associate in Scrum Fundamentals (CASF) — SkillFront
- Certified Developer — Alibaba Cloud
- Google Analytics Certification — Google
- ISO 9001 Quality Management System Associate™ — SkillFront
- ISO/EIC 27001:2022 Information Security Associate™ — SkillFront
- ISO/IEC 20000 IT Service Management Associate™ — SkillFront
- JavaScript Intermediate — Skilvul
- Data Analytics: 1 Foundations — LinkedIn
- Data Analytics Part 2: Extending and Applying Core Knowledge — LinkedIn
- Meniti Karier sebagai Software Developer — Dicoding Indonesia
- Microsoft Security, Compliance, and Identity Fundamentals — Talenta AI Indonesia
- Python Lanjutan — Skilvul
- Web Development — Sololearn