Rafy Akbar

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EDUCATION

Georgia Institute of Technology | Atlanta, GA | Jan 2022 – May 2024

- Candidate for Bachelor of Science in Computer Science
- Dean's List: Fall 2022, Spring 2023

Edmonds College | Lynnwood, WA | September 2019 – August 2021

- Associate of Science in Computer Science, Highschool Diploma
- Academic Honors

WORK EXPERIENCE

Indonesia Infrastructure Guarantee Fund (IIGF) | Jakarta, Indonesia (Remote) | Jun – Aug 2023

Web Developer Intern

- Designed and developed an executive dashboard to facilitate viewing guaranteed infrastructure projects within government institutions for stakeholders.
- Coordinated with Project Division to analyze user stories and translate them to project requirements.
- Utilized **Nextjs**, a **React** framework to make use of its main features such as SSR rendering, route handling and built-in optimizations for font and images.
- Applied responsive and mobile-friendly design for dynamic user experience across various screen sizes with **TailwindCSS**.

Lintasarta | Jakarta, Indonesia (Remote) | Jul – Sep 2021

Python Developer Intern

- Developed a full-stack web application using **Python** and **Flask** that allows employees to access different directories from a central page.
- Coordinated regularly with internship mentor to discuss project requirements and assess the need for changes to fulfill weekly milestones.
- Used **Flask** to develop a simple yet extensible application which supports extension for database handling and form validation functionality.
- Utilized an **SQLite** database that already has a built-in support from Python for storing data in the backend.

PROJECTS

Stockify | Hackathon Project | February 2023

- Built a stock analysis and prediction tool using **Python** and **Django** that uses both technical analysis to rate and rank companies based on their potential for investment
- Analyzed ten major companies in NASDAQ and visualized data related to the performance of each company's stock.
- Utilized Python libraries such as **TA-Lib** and **MatPlotLib** to calculate RSI and OBV based on factors such as price and volume for each company.

Diskusi | Personal Project | Jul – Aug 2023

- Built a simple blogging site with basic features such as posting, editing, and deleting posts.
- Developed using **Typescript** to ensure readability and improve type safety which helped during debugging and testing.
- Used **MongoDB** as the backend of the application for storing user posting due to its flexibility and easy maintenance.

Student Management | Personal Project | Jul 2021

- Built a console-based CRUD student management system using **Python** that allows users to add, remove, and search students
- Incorporated export/import feature to allow users to save list of students locally and open external file
- Used JSON as data format to allow the student database to be cross-compatible and machine readable while keeping it as lightweight as possible

SKILLS

Languages: Java, C, Javascript, Typescript, Python, HTML/CSS

Libraries/Tools: React, Node.js, Next.js, Django, MongoDB, SQL (SQLite), Git