Ayan Shaikh

Aspiring Software Engineer

Toronto, Canada

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Summary of Technical Skills

Languages/Software: Python, Java, JavaScript, HTML, CSS, R

Frameworks/Tools: MySQL, Git, Django, React.js, Arduino, Raspberry Pi, MS Office

Work Experience

Ramelli Truffle – Software Developer   July 2021 – Present
- Back-end developer for a **Python/Django** webapp that allows employees who may not be fluent in English to log their transactions and business expenses.
- Using GitHub for Version Control and CI/CD

Projects

ChitChat.io   July 2021 – August 2021
- Created a full-stack, real-time chat application which allows users to communicate with text and emojis in unique rooms.
- Developed front-end using **React.js**, while utilizing **Node.js** and **Socket.io** library for the back-end.

Equal-Weight S&P 500 Index Fund   August 2021
- Created an application utilizing the IEX Cloud API which allows users to input their portfolio value and informs user how much to invest into each of the 500~ companies equally.
- Developed using **Python**, **NumPy** and **Jupyter Notebook**.

Colonel Banana   April 2019 - June 2019
- Developed a 2D retro-arcade styled wave game utilizing **Java** and educational IDE Greenfoot.
- Focused heavily on the OOP paradigm, heavily incorporating abstraction, encapsulation, and inheritance.

NBA Player Stats Explorer   July 2021
- Created an extensive web-scraping application which allows users to access and compare the stats of any player from 1950 to 2021 inclusive.
- Developed using **Python** and libraries such as **Matplotlib**, **Base64**, **Pandas** and **Streamlit**

Education

University of Toronto   **Toronto, ON**
Candidate for Honours Bachelor of Science in Mathematical & Computational Sciences   September 2020 – April 2025