

Haris Ahmed

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[LinkedIn](#)

[Portfolio Site](#)

[Github](#)

Tampa Bay Area / Florida

SKILLS

React.js, Redux, JavaScript, Python, SQL, SQLite3, PostgreSQL, Git, Github, HTML, CSS, Node.js, Flask, Express.js, Linux
Object Oriented Programming (OOP), Data Structures and Algorithms, CI/CD

PROJECTS

Risinghood Investing Website | (React, Redux, Flask, Python, JavaScript, SQLAlchemy, Sqlite3, Webscraping)

[live](#) | [repo](#)

Risinghood is a Robinhood clone website which lets the user simulate money investing with the stock market

- Utilized the Yahoo Finance Library and Finnhub API to effectively retrieve the stock market data and created visually appealing, interactive charts for historical stock data spanning multiple time intervals using Apex Charts library.
- Developed a web scraper in Python using the BeautifulSoup library to retrieve company and stock information from Yahoo Finance website to resolve yfinance library unreliable data returns.
- Reduced the data retrieval time of web scraper by more than 50% through the implementation of efficient multi-threading techniques and performance testing.
- Created an algorithm that generates accurate and detailed profit and loss portfolio charts for all user investments, providing users with a comprehensive overview of their portfolio performance.

Thiscord Messaging Website | (React, Redux, Flask, Python, JavaScript, SQLAlchemy, Sqlite3, Websockets)

[live](#) | [repo](#)

Thiscord is a real-time messaging site inspired by Discord, enabling seamless communication and connection for users across servers and channels

- Implemented websockets using socket.io library in Flask to send, receive, update, and delete user messages in realtime.
- Created numerous React components including dropdown menus, custom modals, and the user authentication pages contributing to the overall quality and interactivity of the site.
- Identified and resolved a wide range of critical bugs that had previously impacted functionality of the project, allowing the team to deliver higher-quality code and site performance.
- Collaborated closely with a team of four teammates, utilizing Agile workflow to successfully manage and complete the project, while also utilizing Git version control to work in an efficient manner.

Airbnbs Home Hosting Website | (React, Redux, Express, JavaScript, Sequelize, Sqlite3)

[live](#) | [repo](#)

Airbnbs is a Airbnb clone that allows users to host spots, perform bookings, and leave reviews

- Implemented date objects to develop and implement complex conditionals, ensuring the error handling of the booking creation, updating, and deletion processes.
- Developed user authentication functionality to enable tracking of user reviews and facilitate access to exclusive features for authenticated users, resulting in a more personalized and engaging experience.
- Demonstrated strong front-end skills by building and styling numerous React components closely resembling airbnb.com.

EXPERIENCE

Mechanical Design Engineering Intern - (Structured Materials Industries Inc)

Feb 2022 – July 2022

- Performed stress analysis on new frame structure design and successfully identified design flaws which allowed the company to avoid costly manufacturing issues and delivered a high -quality product to the customer.
- Conducted static simulations on various susceptor models and materials, analyzing deformation behavior and stress concentrations, and verified results through hand calculations to ensure integrity.
- Created and delivered multiple presentations using data analyzed through simulations and Excel, effectively communicating design progress in company meetings.

Supply Chain Intern - (Alpine Supply Chain Solutions)

Dec 2021 - Feb 2022

- Performed Quality Assurance on mobile dimensioners and Root Cause Analysis on errors in the data cloud.
- Communicated process improvements and challenges with managers to maintain productivity within the warehouse.
- Achieved early completion of company tasks by optimizing workflow procedures for interns by 60%.

EDUCATION

App Academy - Immersive software development bootcamp with focus on full stack web development

Aug 2022 - Jan 2023

New Jersey Institute of Technology - Bachelor's of Science - **Mechanical Engineering** GPA: 3.5

Sep 2019 - Aug 2022