Charlotte, North Carolina 28134
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Rohan Patel

LinkedIn
Github
Portfolio Website

Education

Computer Science, B.S., North Carolina State University, Raleigh, NC   **August 2023 – Present**
- Anticipated Graduation: 2026

Technical Skills

- **Languages**: Java, Python, C, HTML, CSS, JavaScript, TypeScript
- **Technologies**: React, Node.Js, NextJS, Numpy, Pandas, Flask

Work Experience

Software Development Intern   **R1649 Private Equity Partners**   **May 2024 – Present**
Software Development Team   Dallas, TX
- Worked as a front-end developer aiding in the transition from a React-based website to a NextJS-based website
- Assisted in the development of a client-side equity and deal dashboard allowing employees and clients to see how much equity they hold in the company

Facility Management   **YMCA of Greater Charlotte**   **June 2023 – Present**
Maintenance   Charlotte, NC
- Oversaw day-to-day conditions at 5 YMCA facilities within the Greater Charlotte area
- Ensured a well-maintained and safe environment, decreasing maintenance requests by 26%
- Resolved structural, electrical, and storage issues across Charlotte within a 5 member team

Intern   **Bosch Rexroth**   **June 2022 – July 2022**
Multi-Team   Charlotte, NC
- Streamlined logistics within the warehouse by utilizing 5S to create a new flow model resulting in a 13% increase in efficiency
- Created a presentation to facilitate the transition of over 100 new hires
- Modeled and constructed a new storage area providing ease of access between two industrial laser engravers

Sports Official   **YMCA of Greater Charlotte**   **August 2021 – May 2023**
Sports   Charlotte, NC
- Demonstrated adeptness in enforcing rules and regulations with precision
- Maintained a 93% call accuracy rate throughout tenure
- Maximized efficiency by reducing delays by more than 50%

Projects

Dividend Calculator
- Designed and implemented a Flask-based web application to fetch, process, and display ETF data, creating a user-friendly interface for financial analysis.
- Utilized BeautifulSoup and requests libraries to scrape and parse financial data from etfdb.com, ensuring accurate and up-to-date information retrieval.
- Developed Python functions to calculate ETF metrics such as current price, dividend yield, and projected future prices, enhancing analytical capabilities.

Task Manager
- Composed a task manager inside of a Java IDE with IO capability, along with sorting and organizing tasks based on category and priority set by the user
- Demonstrated proficiency in software engineering principles by achieving over 80% line coverage and 100% method coverage in each class through rigorous testing methodologies
- Integrated Jenkins and JUnit frameworks to establish a continuous development environment to maintain code quality and reliability