

Charlotte, North Carolina 28134
rohandvp@gmail.com
(704) 579-9400

Rohan Patel

[LinkedIn](#)
[Github](#)
[Portfolio Website](#)

Work Experience

Software Manager

R1649 Private Equity Partners

Aug 2024 – Present

Software Development Team

Dallas, TX

Remote

- Led **AI** initiatives to train models that parsed over 1000 data points for industry-specific insights, improving the company's decision-making process
- Deployed the company website using **AWS Amplify** for scalable infrastructure and performance, while configuring backend database functions with **AWS Lambda** to support efficient data handling and storage for seamless web functionalities.
- Managed team responsible for implementing secure, scalable authentication services via **AWS Cognito** and **NextAuth**, ensuring seamless user login experiences.

Software Development Lead

R1649 Private Equity Partners

May 2024 – August 2024

Software Development Team

Dallas, TX

Remote

- Led front-end development to better the **UI/UX** experience on the official R1649 website
- Organized and assisted a team in integrating the **NextJS** front end to a **flask** backend database
- Developed a client-side 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 8 YMCA facilities within the Greater Charlotte area
- Handled over 25 maintenance requests each week across different locations
- 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 a new storage area in **SolidWorks** providing ease of access between two industrial laser engravers

Education

Computer Science, B.S., North Carolina State University, Raleigh, NC

August 2023 – Present

- Anticipated Graduation: 2026

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 a database of over 500 dividend ETFs, 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

Technical Skills

- Languages:** Java, Python, C, R, JavaScript, TypeScript
- Technologies:** React, Node.js, NextJS, Numpy, Pandas, Flask