

Divya Patel

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science, Minor in Business Administration

New Brunswick, NJ

Sept. 2022 – May 2026

EXPERIENCE

Software Engineer Intern

Aurobindo Pharma

July 2024 – August 2024

East Windsor, NJ

- Led the planning and development of a data migration application project which utilized React, Java, and MySQL
- Implemented date range filters and search functions for enhanced data querying and user experience
- Managed MySQL databases for storing and retrieving large datasets, optimizing queries for performance and reliability

Lead Technical Consultant

Hadoop Express Robotics

Dec. 2022 – June 2024

Parsippany, NJ

- Directed the development of a project using Python modules using the micropython library to complete precision-based tasks carried out by an in-house built robot
- Oversaw the development of a Java program that migrates customer data from Excel to a MySQL database
- Implemented the "Sample Videos" section using HTML/CSS/Javascript for HadoopExpress.com

PROJECTS

StockTracker | Javascript, React, Java, Springboot, HTML/CSS, SQL, MySQL

May 2024 – June 2024

- Planned and developed a full stack application to monitor and track live stock market data based on user selection
- Currently developing a dashboard module to allow users to apply filters based on date range and prices
- Calling Finnhub.io's REST API through Java and storing the response data into a MySQL database
- Created a REST API using Springboot and consuming the API using Axios and then rendering the data through React

BlackJack | Java

March 2024 – April 2024

- Developed a Java application that simulates the card game BlackJack
- Structured and implemented game logic to randomize the card generation and system to auto-draw after the user finishes
- Integrated a custom design layout and dialogue for the print lines

divpat.com | HTML/CSS, Javascript

Jan. 2024 – Feb. 2024

- Developed and launched a personal portfolio website using HTML/CSS/Javascript
- Utilized Formspree's API for handling user form submissions which enabled email notifications for submitted queries
- Deployed the application through AWS specifically S3, Route 53 (Domain Registration), and Cloudfront

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, SQL, HTML/CSS

Frameworks: React, Springboot, Node.js, JUnit

Libraries: Micropython, Axios

Database: MySQL

Cloud Platform: Amazon Web Services

Developer Tools: Github, VS Code, Eclipse