

# Divya Patel

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## SUMMARY

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Dedicated and detail-oriented Computer Science student with over 3 years of experience in software engineering. Passionate about developing innovative solutions, with advanced skills in full-stack development using Java, JavaScript, Python, and SQL. Skilled in utilizing various frameworks and libraries to build robust applications. Proven ability to collaborate effectively in team environments and deliver high-quality projects.

## EXPERIENCE

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### Technical Consultant

Dec. 2022 – Present

*Hadoop Express Robotics*

*Parsippany, NJ*

- Developed Python modules using the micropython library to complete precision-based tasks carried out by an in-house built robot
- Developed 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

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### StockTracker | *Java, Springboot, HTML/CSS, Javascript, Angular, SQL, MySQL*

May 2024 – Present

- 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 Angular

### BlackJack | *Java*

March 2024 – April 2024

- Developed a Java application that simulates the card game BlackJack
- Created 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

- Develop a personal portfolio website using HTML/CSS/Javascript
- Utilized Formsprees 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

## EDUCATION

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### Rutgers University

New Brunswick, NJ

*Bachelor of Science in Computer Science, Minor in Business Administration*

*Sept. 2022 – May 2026*

## TECHNICAL SKILLS

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

**Frameworks:** Angular, Springboot, Node.js, JUnit

**Libraries:** Micropython, Axios

**Database:** MySQL

**Cloud Platform:** Amazon Web Services

**Developer Tools:** Github, VS Code, Eclipse