Dev Patel

New Jersey, NJ | 732-812-7181 | devpatel3852@gmail.com | <u>LinkedIn</u> | <u>GitHub</u>

EDUCATION

Rutgers University   **New Brunswick, NJ**

B.S. in Computer Science, Dean's List   *Graduation Date: May 2025*

WORK EXPERIENCE

Whole Foods Market   **Metuchen, NJ**

In Store Shopper   *May 2024 - Dec 2024*

- Maintained and optimized operational workflows within a technology-driven environment, consistently meeting performance metrics for speed, accuracy, and order throughput.
- Applied problem-solving strategies to resolve technical and customer-facing issues in real-time, contributing to a 15% increase in customer satisfaction metrics through improved process efficiency and user experience.
- Implemented quality assurance protocols and performed data validation checks during order processing, maintaining a 98% accuracy rate and reducing error-related incidents to below 2%.

PROJECT EXPERIENCE

Rutgers University

Weather Generator   *Feb 2022 - Feb 2022*

- Developed a Java-based weather app using probabilistic modeling and Markov Chains to simulate wet/dry patterns.
- Applied CS concepts (randomized algorithms, sliding windows, sequence detection) to analyze weather trends.
- Used OOP, modular design, and CLI input for scalable, user-driven simulations by location and month.

Personal Project

Portfolio Website   *Jan 2024 - Feb 2024*

- Designed and developed a fully responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects, technical skills, and professional experience.
- Developed a functional "Contact Me" form with input validation for name and email, integrating Google Sheets API to automatically store user submissions directly into a connected Google Sheet for real-time data collection.
- Applied front-end development best practices, including form handling, DOM manipulation, responsive design techniques, and external API integration to enhance user experience and site functionality.

Calculator   *Apr 2024 - Jun 2024*

- Built a GUI scientific calculator in Python with Tkinter, featuring switchable standard/scientific modes.
- Used Python's math library for advanced functions: trig, log, exponential, and hyperbolic ops.
- Applied modular design for reusable logic and UI components, ensuring scalable code structure.
- Handled real-time input, error checking, and state management for accurate, responsive execution.

LEADERSHIP EXPERIENCE

Rutgers USACS   **New Brunswick, New Jersey**

Member   *Sep 2021 - May 2025*

- Participate in hackathons, and other competitive programming competitive that improve students improve.
- Organized study sessions that engaged more than 50 students weekly, leading to a notable increase in assignment completion rates by 25% and fostering a collaborative learning environment.

SKILLS

Languages: Java, C, Python (Pandas, Matplotlib), HTML, CSS, JavaScript, R, React.JS, PyTorch, Git

Other Skills: Teamwork, Organized, Responsible, Problem-Solving, Multilingual