

## Jainil Patel

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### Full-Stack Developer

Passionate and results-driven developer with 1 year of experience in web-centric technologies, including React.js, MongoDB, and Python Flask, seeking a position at Canonical. Eager to contribute to the development of open-source projects, demonstrate technical leadership, and drive innovation in web development.

#### - Skills -

- **Front-End Development:** React.js, JavaScript (ES6+), TypeScript, CSS (preprocessors).
  - **Frontend Technologies:** React.js, Flutter, CSS, HTML5
  - **Backend Technologies:** Python Flask, MongoDB
  - REST API Design
  - Agile Development Methodologies
  - Accessibility Standards and Practices
  - Technical Leadership and Team Collaboration
  - Version Control: Git
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### PROFESSIONAL EXPERIENCE

**Assertion IT**, Ahmedabad, Gujarat

Junior Web Developer (Jan 2022 – Dec 2022)

Developed and maintained responsive web applications for e-commerce websites using React.js, ensuring a seamless user experience across diverse layouts.

Implemented RESTful APIs using Python Flask to enable communication between frontend and backend systems, optimizing data exchange for improved performance.

Integrated MongoDB as the database solution for storing and retrieving product information, customer data, and transaction records, ensuring data integrity and scalability.

Collaborated closely with design teams to ensure accessibility standards were met, conducting accessibility audits and implementing WCAG guidelines to enhance usability for all users.

Contributed to the continuous improvement of the codebase by conducting code reviews, refactoring code for readability and maintainability, and implementing best practices in software development.

Engaged with the open-source community by participating in hackathons, contributing to open-source projects, and sharing knowledge through blog posts and technical discussions.

#### *Online Bookstore Platform*, **Project**

- Developed a responsive web application for an online bookstore using React.js, allowing users to browse, search, and purchase books.
  - Implemented user authentication and authorization functionalities using Python Flask and MongoDB, ensuring secure access to user accounts and personal information.
  - Integrated payment gateway APIs to enable online transactions, providing a seamless checkout experience for customers.
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### PERSONAL PROJECTS

#### 1. E-commerce Website using React.js and Python Flask:

- Build a full-stack e-commerce website using React.js for the frontend and Python Flask for the backend.
- Implement features like user authentication, product listings, shopping cart functionality, and checkout process.

- Utilize MongoDB for storing product information and user data.
- Integrate RESTful APIs for communication between the frontend and backend.

## **2. Portfolio Website with React.js and HTML5/CSS:**

- Build a personal portfolio website showcasing your projects, skills, and experience.
- Use React.js for dynamic content rendering and HTML5/CSS for layout and styling.
- Implement responsive design to ensure compatibility across various devices.
- Showcase your technical leadership and collaboration skills by including a section on your contributions to team projects.

## **3. A movie review system based on RNN learning**

A movie review system based on RNN learning classifies the sentiment of movie reviews as positive, negative, or neutral by preprocessing text data and using an LSTM model for training and predictions. It includes data collection, preprocessing, model training, evaluation, and deployment with APIs for real-time analysis.

**Accuracy** - 87%

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## **EDUCATION**

Master of Science - Laurentian University | Computational Science, Jan 2023 – May 2024