

# JAIMIN PATEL

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## SUMMARY

Results-driven developer with a strong emphasis on frontend development using modern JavaScript frameworks. Adept at building scalable web applications, I bring expanding skills in full-stack applications that allow me to seamlessly transition between frontend, backend, and full-stack roles. A proactive learner, I am committed to continuous learning to enhance my development capabilities and build engaging, responsive web applications.

## TECHNICAL SKILLS

- **Frontend:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS, Material-UI (Familiar), Bootstrap
- **Backend:** Node.js, Express.js, RESTful API Design
- **Databases:** MongoDB, Firebase
- **Programming Languages:** Python, C
- **Soft Skills:** Effective communication, collaborative teamwork, critical problem-solving, adaptability

## EXPERIENCE

### Technical Support Specialist

Visaic Inc. (Remote)

December 2023 – Present

- Provide in-depth technical support for high-performance sports streaming platforms, troubleshooting issues related to streaming quality and connectivity, and draft professional emails
- Collaborate closely with engineering teams to analyze files, diagnose streaming errors, and escalate complex issues using detailed technical reproduction steps
- Contribute to building an internal technical knowledge base by documenting recurring issues, resolutions, and best practices for support and development teams

### Software Development Intern

Precision Embedded (Gandhinagar, Gujarat, IN)

January 2022 – April 2022

- Developed and maintained code for web-based applications using React.js, Node.js, Flask, and Django
- Assisted in automating data processing workflows and integrating APIs, which improved overall application efficiency by streamlining routine tasks
- Diagnosed and resolved performance bottlenecks through code profiling, database indexing, and implementing caching strategies

## EDUCATION

### Master of Engineering in Electrical and Computer Engineering

University of Windsor, Windsor, Ontario

September 2023 – December 2024

### Bachelor of Engineering in Electronics and Communication Engineering

Government Engineering College, Patan, Gujarat, IN

July 2018 – June 2022

## PROJECTS

### Personal Photography Portfolio (In Development)

Technologies: HTML, CSS, React.js, Firebase

- Architecting a fully responsive single-page application to display high-resolution photography, ensuring optimal performance and user experience
- Working on an interactive gallery with lazy loading and a Firebase-integrated contact form
- Developing modular React components to ensure maintainability and scalability, supported by unit tests to validate functionality

## Task Management Web Application

*Technologies: React.js, Express.js, Node.js, MongoDB*

- Engineered a full-stack application that supports comprehensive CRUD operations for task management
- Implemented secure access with JWT-based authentication and role-based authorization
- Designed an intuitive and responsive UI to enhance the user experience

## Weather Dashboard

*Technologies: JavaScript, HTML, Tailwind CSS, Python, OpenWeather API*

- Developed a dynamic weather dashboard that retrieves and displays real-time meteorological data from the OpenWeather API
- Designed a clean, responsive interface with Tailwind CSS and vanilla JavaScript for seamless cross-device compatibility
- Employed asynchronous data fetching and error handling techniques to maintain a reliable user experience
- Developed a lightweight Python microservice to cache frequently requested weather data, reducing API load and enhancing response times

## HACKATHONS

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### Smart Gujarat for New India Hackathon 2019-20 – SSIP (February, 2020)

- Collaborated with senior mechanical engineers to develop a Digital Fuel Level Indicator for Two-Wheelers using Arduino UNO R3, a float sensor, and an A/D converter
- Developed a user-friendly display interface using an LCD module to provide real-time fuel readings, enhancing rider awareness and safety
- Presented the functional prototype at state-level, demonstrating innovation in real-time monitoring systems

## LEADERSHIP EXPERIENCE

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### Vice President, Student Experience

*MEng Graduate Student Society, University of Windsor*

*December 2023 – December 2024*

- Enhanced student engagement by organizing events, workshops, and networking opportunities, including Tech Talks, Movie Night, Networking Mixers, and Alumni Night, to enrich the graduate student experience
- Collaborated with university departments to address student concerns and advocate for a positive academic environment
- Managed cross-functional teams to ensure the successful execution of student-led initiatives