

# UTSAV PATEL

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## PROFESSIONAL SUMMARY

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Full Stack Developer with 2+ years of experience delivering efficient, modern, user-centric web applications using TypeScript, JavaScript, Next.js, React, and Tailwind CSS. Proficient in developing scalable apps with RESTful APIs, ensuring accessibility compliance, and creating seamless user experiences. Experienced with Google Cloud Platform, with a focus on continuous learning and effective collaboration to deliver high-quality software and ensure successful project outcomes.

## PROFESSIONAL EXPERIENCE

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### STEM Montessori Academy of Canada - Full Stack Developer (Co-op)

January 2025 - April 2025

- Led a team of 5 developers, coordinating tasks and ensuring efficient delivery, improving team performance.
- Built and customized WordPress CMS themes, enhancing flexibility and reducing content update time by 50%.
- Ensured accessibility compliance by applying WCAG 2.2 standards, contributing to faster delivery of features.
- Implemented unit testing across critical modules, reducing deployment bugs by 35% and improving reliability.
- Integrated third-party services and APIs, improving user interaction by 25% and ensuring seamless data flow.
- Optimized backend logic and server architecture, reducing response times by 40%, ensuring 99.9% uptime.

## SKILLS SUMMARY

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**Frontend:** React.js, TypeScript, Next.js, JavaScript (ES6+), Tailwind CSS, Bootstrap, HTML/CSS, XML, PHP, Webpack

**Backend:** Node.js, Express.js, Firebase, Convex, Microservices, RESTful APIs, OAuth, JWT

**Databases:** MongoDB, PostgreSQL, MySQL, Oracle, SQL, Supabase, Firestore, Neon

**Tools:** Git, VS Code, Google Cloud Platform (GCP), Microsoft Azure, Android Studio, WordPress, Stripe

**Other Skills:** Agile Development, Accessibility (WCAG 2.2), Cross-Browser Compatibility, Serverless Architecture

## PROJECTS

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### Auto-Compose: AI Email Template Builder

[GitHub](#) | [Live Demo](#)

- Integrated Gemini API via Google AI Studio, generating email templates with over 90% success rate in AI responses.
- Built a drag-and-drop layout builder that enhanced user interface interaction by 60% and reduced design time.
- Enabled secure user access for 100+ users using Google OAuth, maintaining 100% authentication success.
- Leveraged Convex for real-time data sync and state management, reducing template save/load latency by 45%.

### CareerBoost-AI: A Mock Interviewer

[GitHub](#) | [Live Demo](#)

- Developed a highly scalable mock interview platform using Next.js and React, enhancing interview efficiency by 35%.
- Leveraged Gemini AI for personalized questions, enhancing accuracy by 30%, leading to more effective sessions.
- Drizzle ORM eliminated database query time by 25%, resulting in improved overall application performance.
- Deployed the application on Vercel, enabling scalable performance for 200+ active users, seamless integration, and automated continuous deployment with zero downtime during updates.

## EDUCATION

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### Georgian College, Toronto, ON

January 2024 - August 2025

Diploma in Computer Programming: GPA: 4.0 / 4.0

### Gujarat Technological University, India

August 2019 - May 2022

Diploma in Computer Engineering: CGPA: 9.48 / 10.0 (Ranked 1st)

## CERTIFICATIONS

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### Oracle Cloud Infrastructure Certified AI Foundation Associate | [View Certificate](#)

- Built and deployed AI models on OCI using microservices, enabling efficient scaling and streamlined deployment.
- Utilized AI-driven automation to enhance predictive insights, streamline cloud operations, and maximize efficiency.

### Front-End Developer Certification (HackerRank) | [View Certificate](#)

- Mastered front-end architectures, expertise in high-performance, interactive, and scalable web applications.
- Engineered responsive and intuitive UI components, enhancing user experience and ensuring seamless functionality.