

# UTSAV PATEL

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## PROFESSIONAL SUMMARY

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Full Stack Developer specializing in scalable cloud solutions and AI-driven web applications. Certified in Oracle Cloud and Front-End Development, with experience leading cross-functional teams to deliver secure, high-performance products that enhance user experience and generate measurable business impact. Seeking to contribute technical expertise to an organization focused on innovation and growth.

## PROFESSIONAL EXPERIENCE

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

January 2025 - April 2025

- Led code reviews and cross-functional syncs, improving communication and reducing QA issues by 20%
- Developed custom WordPress themes, increasing design flexibility and cutting update time by 50%.
- Ensured full accessibility compliance using WCAG 2.2 standards, enabling inclusive design and faster deployment.
- Implemented automated unit tests across core modules, reducing bugs by 35% and improving application stability.
- Integrated secure third-party APIs, enhancing user experience by 25% and ensuring data synchronization.
- Refactored backend logic and server architecture, reducing response time by 40% and maintaining system uptime.

## RECENT PROJECTS

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### Auto-Compose: AI Email Template Build | [GitHub](#) | [Live Demo](#)

- Integrated Gemini API via Google AI Studio to generate email templates with a 90%+ success rate in AI responses.
- Built a drag-and-drop layout builder, which enhanced UI interaction by 60% and reduced design time.
- Secured user access for over 100+ users using Google OAuth, maintaining 100% authentication success.
- Leveraged Convex for real-time data synchronization and state management, reducing template latency by 45%.

### CareerBoost-AI: A Mock Interviewer | [GitHub](#) | [Live Demo](#)

- Developed a 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.
- Used Drizzle ORM to eliminate database query time by 25%, improving overall application performance.
- Deployed on Vercel with zero-downtime CI/CD and scaled to 200+ users with seamless third-party integration.

## SKILLS SUMMARY

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

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

**AI & Cloud:** Google Cloud Platform (GCP), Microsoft Azure, Oracle Cloud, AI Integration

**Databases:** MongoDB, PostgreSQL, MySQL, Supabase, Firestore

**Tools & Other:** Git, Webpack, Agile Development, Serverless Architecture, Accessibility (WCAG 2.2), Stripe

## EDUCATION

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Georgian College, Toronto, ON  
Diploma in Computer Programming

January 2024 - August 2025

Gujarat Technological University, India  
Bachelor's in Computer Engineering

August 2019 - May 2023

## CERTIFICATIONS

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Oracle Cloud Infrastructure AI Foundation Associate – Oracle (2025) | [View Certificate](#)

Front-End Developer – HackerRank (2025) | [View Certificate](#)