

UTSAV PATEL

Software Engineer | Full-Stack Developer | OCI AI Cloud Certified

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PROFESSIONAL SUMMARY

Full-stack developer with a strong foundation in software engineering and cloud technologies. Experienced in designing and delivering scalable, secure, and high-performance applications that emphasize reliability, security, and accessibility. Skilled at working across the entire development cycle, from planning and architecture to deployment and continuous optimization. Focused on building practical, reliable digital solutions that solve problems and create meaningful value for users.

PROFESSIONAL EXPERIENCE

Best Brains Learning Center

Brampton, Canada

Role: Coding Instructor

September 2025 - Present

- Delivered coding lessons in Scratch, Python, and JavaScript, boosting average student project completion rates.
- Designed structured learning modules that improved knowledge retention scores by 30% in weekly assessments.
- Provided one-on-one mentorship, helping 85% of struggling students achieve passing grades within 2 months.
- Designed hands-on debugging tasks that cut coding errors by 25% and improved logical reasoning.
- Collaborated with staff to enhance curriculum, increasing student enrollment in advanced coding courses by 15%.

STEM Montessori Academy of Canada

Toronto, Canada

Role: Full Stack Developer (Co-op)

January 2025 - April 2025

- Led code reviews and cross-functional syncs, improving communication and reducing QA issues by 20%.
- Created 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.

SKILLS SUMMARY

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

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

Databases & Cloud: MongoDB, PostgreSQL, MySQL, Supabase, Firestore, Neon, GCP, Azure, Oracle Cloud, AI Integration

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

EDUCATION

Georgian College

Toronto, Canada

Diploma in Computer Programming | GPA: 3.9/4.0

January 2024 - August 2025

Gujarat Technological University

Anand, India

Bachelor's in Computer Engineering | CGPA: 9.48/10.0

August 2019 - May 2023

RECENT PROJECTS

CareerBoost-AI: A Mock Interviewer | *Next.js, React, Drizzle, Gemini AI, Clerk, Tailwind CSS, Shadcn, Git*

- Built a scalable mock interview platform using Next.js and React, enhancing interview efficiency by 35%.
- Deployed on Vercel with zero-downtime CI/CD and scaled to 200+ users with seamless third-party integration.

Auto-Compose: AI Email Template Build | *TypeScript, Convex, Google OAuth, Node.js, Google AI Studio, Float UI*

- Integrated Gemini API via Google AI Studio to generate email templates with a 90%+ success rate in AI responses.
- Leveraged Convex for real-time data synchronization and state management, reducing template latency by 45%.