UTSAV PATEL

Software Engineer | Full-Stack Developer | OCI AI & DevOps Certified

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PROFESSIONAL SUMMARY

Full stack developer specializing in scalable cloud solutions and AI-driven web applications. Certified in Oracle Cloud and Front-End Development, with hands-on experience leading cross-functional teams to deliver secure, high-performance products that improve user experience and drive measurable business results. Eager to apply technical expertise to support organizations focused on innovation and growth and dedicated to delivering efficiency, reliability, and scalability.

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%
- 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

CareerBoost-AI: A Mock Interviewer | *Next.js, React, Drizzle ORM, Gemini AI, Clerk, Tailwind CSS, Shadcn*
- 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.
- Deployed on Vercel with zero-downtime CI/CD and scaled to 400+ users with seamless third-party integration.
- Used Neon DB to eliminate database query time by 25%, improving overall application performance.

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.
- 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%.

SKILLS SUMMARY

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Bootstrap, HTML & CSS
Backend: Node.js, Express.js, RESTful APIs, OAuth, JWT, Microservices, PHP
AI & Cloud: Google Cloud Platform (GCP), Microsoft Azure, Oracle Cloud, AI Integration
Databases: MongoDB, PostgreSQL, MySQL, Supabase, Firestore, Neon, Convex
Tools & Other: 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 in Computer Engineering | CGPA: **9.48** / 10.0   **August 2019 - May 2023**

CERTIFICATIONS

Oracle Cloud Infrastructure Certified DevOps Professional | *Infrastructure as Code (IaC), CI/CD, Container Orchestration*
MongoDB for SQL Experts – MongoDB | *NoSQL fundamentals, CRUD operations, aggregation framework, indexing*