UTSAV PATEL

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

Brampton, ON | +1 (437) 933-9136 | utsavpatel562@gmail.com | linkedin/utsav | github/utsav | Portfolio

PROFESSIONAL SUMMARY

Full-Stack Developer specializing in TypeScript, React, Node.js, and MongoDB. Builds and deploys cloud-native applications with Infrastructure as Code and automated CI/CD pipelines. Certified Oracle Cloud Infrastructure DevOps Professional with hands-on experience improving system reliability, accelerating deployments, and mentoring teams to enhance code quality and performance and is focused on designing scalable software solutions to deliver seamless user experiences.

PROFESSIONAL EXPERIENCE

Best Brains Learning Center   **Brampton, Canada**
Role: Coding Instructor   **Sep 2025 – Present**
- Introduced hands-on challenges and projects, increasing student engagement and practical skill application by 25%.
- Led debugging and troubleshooting workshops, reducing coding errors by 35% and improving student confidence.
- Delivered lessons in Python, JavaScript, and Scratch fostering creativity and enhancing student success rates by 40%.
- Developed comprehensive modules that enhanced concept understanding and boosted assessment scores by 30%.
- Collaborated effectively with teaching staff to redesign curriculum, resulting in a 15% increase in course participation.
- Provided personalized mentorship, helping 85% of underperforming students achieve grades within two months.

STEM Montessori Academy of Canada   **Toronto, Canada**
Role: Full Stack Developer (Co-op)   **Jan 2025 – Apr 2025**
- Streamlined the application theme using modern tools and workflows, enhancing scalability and deployment by 50%.
- Ensured accessibility compliance using WCAG 2.2 standards, enabling inclusive design and accelerating deployment.
- Refactored backend logic and optimized server architecture, reducing response time by 40% and maintaining uptime.
- Developed and seamlessly integrated automated unit tests across critical modules, cutting production defects by 20%.
- Integrated secure third-party APIs, enhancing user experience by 25% and ensuring seamless data synchronization.
- Enhanced daily team communication and collaboration by leading thorough code reviews and coordinating consistent cross-functional meetings, resulting in a 10% drop in QA issues.

SKILLS SUMMARY

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Bootstrap, HTML/CSS
Backend & APIs: Node.js, Express.js, RESTful APIs, OAuth 2.0, JWT, Microservices, PHP
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 BACKGROUND

Georgian College   **Toronto, Canada**
Diploma in Computer Programming | GPA: **3.9** / 4.0   **Jan 2024 – Aug 2025**

Gujarat Technological University   **Anand, India**
Bachelor's in Computer Engineering | CGPA: **9.48** / 10.0   **Aug 2019 – May 2023**

RECENT PROJECTS

CareerBoost-AI: Mock Interviewer | *Next.js, React, Drizzle, Gemini AI, Clerk, Tailwind CSS, Shadcn, Git*   View
- Built a highly scalable mock interview platform using Next.js and React, enhancing interview efficiency by 35%.
- Deployed on Vercel with automated zero-downtime CI/CD and scaled to 200+ users with third-party integration.

Auto-Compose: Template Builder | *TypeScript, Convex, Google OAuth, Node.js, Google AI Studio, Float UI*   View
- 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%.

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*