

Mainendra Patel

Passionate Developer | JavaScript & TypeScript | Video Applications



📍 Mississauga, Canada

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🌐 <https://mainendra.github.io>

💻 [github](#)

🔗 [linkedin](#)

Passionate developer with deep expertise in JavaScript, TypeScript and modern web technologies. Skilled in creating scalable, user-friendly, and accessible applications across platforms such as desktop, mobile, browsers, smart TVs, and cloud environments. Strong problem-solving, debugging, and collaboration skills with a focus on quality, performance, and user experience.

HIGHLIGHTS

- **JavaScript & TypeScript:** 15+ years building applications using modern frameworks and libraries.
- **Cross-Platform Development:** Delivered applications for web, mobile (iOS/Android), smart TVs (Samsung, LG, Fire TV, Android TV), Chromecast, Xbox, and desktop browsers.
- **Accessibility (A11y):** 7+ years improving inclusivity and compliance with WCAG standards using NVDA, JAWS, and screen readers.
- **Automation & Quality:** 4+ years implementing UI test automation to increase reliability and efficiency.
- **Debugging & Optimization:** Strong ability to troubleshoot, profile, and enhance performance in complex environments.
- **Team Collaboration:** Experienced in Agile workflows, code reviews, mentoring, and CI/CD best practices.

SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, Python*, Ruby*, Java*
- **Frameworks / Libraries:** React, Angular, BackboneJS, SolidJS*, Svelte*, LightningJS, Node.js, REST APIs, GraphQL*
- **Tools / Platforms:** Webpack, Gulp, Git, GitHub, GitLab, Jira, Kibana, Tableau, Docker
- **Accessibility:** WCAG, NVDA, JAWS, Speech Synthesis
- **Practices:** Agile, Scrum, CI/CD, TDD/BDD, Event-driven & Async Programming, Debugging, Problem Solving

PROFESSIONAL EXPERIENCE

Technical Lead

Cognizant - NOV 2015 / now

Technical Lead

itaas - A Cognizant Company - DEC 2007 / NOV 2015

Associate Software Engineer

Spartan Labs Pvt. Ltd. - APR 2007 / DEC 2007

EDUCATION

Bachelor of Engineering

Dharmsinh Desai Institute of Technology, Nadiad, India - JUN 2000 / JUN 2004

MS Program

International Institute of Information Technology, Pune, India - SEPT 2005 / APR 2007