



# Mainendra Patel(Technical Lead)

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## Application Developer with 15+ Years of Experience

Extensive expertise in JavaScript and TypeScript within the video domain.

- **Platform Development:** Designed and developed video navigator applications across multiple platforms, including set-top boxes, mobile devices, Chromecast, Samsung TV, Fire TV, Xbox, LG TV\*, Android TV\*, and desktop browsers.
- **Accessibility (A11y):** Over 7 years of experience improving accessibility in web-based navigator applications for desktops, ensuring compliance with industry standards and enhancing inclusivity.
- **UI Test Automation:** More than 4 years of hands-on experience in UI test automation, improving testing efficiency and product reliability.
- **Debugging Expertise:** Developed advanced debugging skills through extensive experience troubleshooting and optimizing applications in a complex, multi-platform environment.

Committed to delivering robust, scalable, and user-centric applications that meet the demands of diverse platforms and audiences.

### Role and responsibilities

- Designed and developed video navigator applications across platforms.
- Ensured application accessibility on Windows, Mac, and InteractiveTV.
- Collaborated with clients to gather and refine business requirements.
- Maintained design documentation using Chalk pages.
- Estimated tasks, prioritized features, and delegated development work.
- Implemented best practices for coding standards, CI/CD, and overall development.
- Reviewed code and mentored junior team members.

### Skills

- **Coding Languages:** JavaScript, TypeScript, HTML5, CSS3, Python\*, Ruby\*, Java\*
- **Frameworks / Systems:** ReactJS, AngularJS, BackboneJS, SolidJS\*, Svelte\*, Lightning, A11y, NodeJS, RESTful APIs, Linux, Mac, Windows
- **Tools:** Webpack, Gulp, Vim, Visual Studio Code, Jira, Chalk page, Kibana, Tableau, Git, GitHub, Gitlab, NVDA, Jaws, Speech Synthesis
- **Paradigms:** Agile, Scrum, Problem Solving, Debugging, CI/CD, Event Driven and Async Programming

### Work Experience

- Cognizant (North America) - Technical Lead / Dec-2015 till now
- itaas - a Cognizant Company (India) - Technical Lead / Dec-2007 to Dec-2015
- Spartan Labs Pvt. Ltd. (India) - Associate Software Engineer / Apr-2007 to Dec-2007

### Education

- MS program in Advanced Information Technology / Advanced software technologies - International Institute of information technology, Pune, Maharashtra, India
- Bachelor of Engineering / Information Technology -Dharmsinh Desai Institute of Technology, Nadiad, Gujarat, India