

# Rajan V. Thakkar

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## SUMMARY

Results-oriented Full Stack Developer with 2+ years of hands-on experience in building responsive web and mobile applications, AI-powered tools, and scalable backend systems. Proven track record in modernizing legacy systems, enhancing UX, and integrating cloud services. Strong expertise in React, Next.js, Node.js, Firebase, and FastAPI. Passionate about clean code, agile delivery, and leveraging AI to solve real-world problems.

## EXPERIENCE

### Vosyn

#### Full Stack Developer

August 2024 – Present

Toronto, ON

- Redesigned and modernized legacy front-end architecture using React and Tailwind CSS, introducing reusable components and dynamic layouts that elevated UI consistency and boosted user engagement metrics by over 30%.
- Implemented advanced performance optimizations such as code splitting, lazy loading, and dynamic imports, which significantly improved page load times by 35% and enhanced user experience across mobile and desktop platforms.
- Built and deployed mobile-first features with React Native, tailored for cross-platform usability and optimized for device responsiveness, resulting in a 20% increase in monthly mobile user retention.
- Collaborated with UX designers and backend developers to align mobile functionality with API endpoints, ensuring seamless integration and responsiveness in real-world use cases.
- Facilitated Agile sprint planning and retrospectives to improve cross-functional team productivity.
- Led frontend-backend coordination to ensure timely and bug-free feature delivery.

### Freelancer

#### Full-stack Web/Mobile Developer

August 2022 – Present

Toronto, ON

- Engineered and launched full-stack web applications using React, Webflow, and WordPress, focusing on custom client needs while implementing mobile-first design principles and SEO best practices for high Google Lighthouse and Core Web Vitals scores.
- Automated dynamic content workflows by integrating Firebase Authentication, Firestore databases, and custom RESTful APIs, allowing clients to manage real-time data updates without developer intervention and streamlining operational processes.
- Delivered tailored web solutions across SaaS, entertainment, and hospitality sectors, with built-in accessibility (WCAG 2.1) and responsive UX that drove user engagement.
- Performed site performance audits and UX testing, which improved average conversion rates by 30–40% across client projects.
- Offered consulting on SEO and Google indexing strategy.
- Integrated custom dashboards with analytics and visualizations.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, HTML, CSS, Swift, Kotlin

**Frontend:** React, Next.js, React Native, Vue.js, Tailwind CSS

**Backend:** Node.js, FastAPI, Express, REST APIs, GraphQL

**Databases:** Firebase, Firestore, MongoDB, MySQL

**Dev Tools:** Git, GitHub, Postman, Figma, Vercel, Railway

**Practices:** Agile, TDD, CI/CD, Lighthouse Audits, SEO, A/B Testing

**Cloud & APIs:** Firebase, GCP (basic), OpenAI API, Netlify

## PROJECTS

### AI Resume Pro | [Link](#)

- Developed an AI-powered resume tailoring tool using Next.js, FastAPI, Firebase, and OpenAI to generate ATS-optimized resumes automatically.
- Enabled real-time resume editing, smart job matching, and export to Word and PDF formats.
- Reduced backend response latency by 30% through Firestore indexing and efficient API request batching.

### Caliber Construction Web Application

- Built a project oversight dashboard with analytics, charts, and reporting tools using React, Node.js, and MongoDB.
- Enabled real-time collaboration between departments using synced UI components and WebSocket data streams.
- Improved task tracking visibility for managers and engineers.

**LiftMates (Car Pool) Application**

- Created a cross-platform carpooling mobile app using React Native, with Firebase-based location tracking and authentication.
- Conducted UX testing and delivered a responsive, user-friendly interface.
- Simplified daily commuting for users.

**EDUCATION**

<b>Mobile Application Development and Strategy Program</b> <i>George Brown College</i>	<b>January - 2024 – December 2024</b> <i>Toronto, ON, Canada</i>
<b>Big Data Solution Architecture</b> <i>Conestoga College</i>	<b>January 2023 – August 2023</b> <i>Kitchener, ON, Canada</i>
<b>M.Sc. in Artificial Intelligence and Machine Learning</b> <i>Gujarat University</i>	<b>June 2020 – July 2022</b> <i>Ahmedabad, India</i>
<b>Bachelor of Computer Application</b> <i>Marwadi University</i>	<b>July 2017 – June 2020</b> <i>Rajkot, India</i>

**CERTIFICATES**

- Web Development Fundamentals – IBM
- Certified Mobile Application Developer – IBM
- iOS Development with Swift Certification – Apple
- JavaScript Algorithms DS– freeCodeCamp