

Rajan Thakkar

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SUMMARY

Full Stack Developer with 2+ years of experience building and supporting end-to-end mobile and web applications across frontend, mobile, backend APIs, and cloud platforms. Comfortable working across React, React Native, Android, iOS, and modern cloud services, with a track record of improving performance, stability, and delivery speed in real production environments.

EXPERIENCE

SnapCycle

Full Stack Web/ Mobile Developer

Jane 2025 – Present

Toronto, ON

- Designed and maintained **cross-platform React Native** applications using Firebase, **offline synchronization**, and **modular architecture**, supporting reliable performance in **low-connectivity scenarios**.
- Optimized **authentication and API workflows**, reducing **response times by 200–300 ms** and cutting build-to-release cycles.
- Built a **reusable component** system, reducing **UI duplication by ~40 percent** and improving maintainability.
- Improved **application stability** by implementing structured **error handling**, **Cloud Functions**, and **monitoring**, reducing **crash frequency by ~20 percent**.
- Partnered closely with **cross-functional team members** to deliver **secure, scalable features under deadlines**.

Vosyn

Frontend Developer Intern

August 2024 – January 2025

Toronto, ON

- Refactored frontend layouts and accessibility patterns in **React** and **Tailwind CSS**, resulting in a **15–25 point increase in Lighthouse performance** and accessibility scores.
- Delivered features and layouts that reduced **design-to-development time by ~30 percent** across sprints.
- Optimized **page performance by 300–500 ms** through **code refactoring, caching, and image optimization**.
- Debugged and stabilized **critical user flows**, reducing **UI-related defects by ~25 percent** during QA cycles.
- Supported **application scalability** through **Context API-based state management** and **targeted component-level optimizations**.

Inferenz

Machine Learning Intern

September 2021 – January 2022

Ahmedabad, India

- Contributed to data preprocessing and model experimentation for small to mid-scale machine learning projects.
- Accelerated dataset cleaning workflows by ~25 percent through automated preprocessing pipelines.
- Improved model accuracy by 3–5 percent through feature engineering, tuning, and validation techniques.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS

Mobile: React Native, Kotlin, Swift, Jetpack Compose, SwiftUI

Backend: Node.js, RESTful APIs, Firebase Functions, Authentication & Authorization

Backend (Additional): Java, Spring Boot, Python

Databases: Firestore, MongoDB, SQL

Cloud & DevOps: Firebase, Google Cloud, AWS (foundational), Docker, CI/CD, GitHub Actions

Architecture & Practices: Modular Architecture, MVVM, Performance Optimization, Agile Scrum

PROJECTS

I Love Resumes

[iloveresumes.ca](#)

- Built a full-stack resume platform with React, Next.js, and Firebase, improving user flow and data reliability.
- Optimized Firestore queries and API access patterns, reducing average response times by 200–300 ms.

Zapphir | Healthcare Staffing Platform

<https://zapphir.vercel.app/>

- Building a full-stack healthcare staffing platform using React and FastAPI, supporting role-based workflows and secure data handling.
- Designed RESTful APIs and MongoDB data models to manage staffing records efficiently and enable scalable backend operations.

Liftmates Carpool App

Tech: React Native, Firebase, Node.js

- Developed core ride-matching logic and end-to-end user flows in a React Native mobile application.
- Implemented Google and Apple authentication, achieving 99 percent+ login reliability.

News App

Tech: Kotlin, Jetpack Compose, REST APIs

- Built a modern Android news application using Kotlin, Jetpack Compose, and MVVM architecture.
- Delivered API-driven content in ~250 ms while maintaining smooth 60 FPS rendering on mid-range devices.

EDUCATION

Mobile Application Development and Strategy Program

January 2024 – December 2024

Toronto, ON, Canada

George Brown College

January 2023 – August 2023

Big Data Solution Architecture

Kitchener, ON, Canada

Conestoga College

June 2020 – July 2022

M.Sc. in Artificial Intelligence and Machine Learning

Ahmedabad, India

Gujarat University

July 2017 – June 2020

Bachelor of Computer Application

Rajkot, India

Marwadi University