Sheil Gandhi

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Summary

Software Engineer with 3+ years of experience specialising in React & React Native. Adept at designing scalable web & native applications, optimising workflows, and enhancing UX. Proven ability to improve development efficiency while driving revenue growth. Key contributions include automating deployment pipelines, implementing secure authentication systems, and developing high-impact frontend solutions that elevate user engagement and business performance. Currently holding a UK Working Holiday Visa, ready to relocate.

Skills

React — React Native — Next.js — TypeScript — JavaScript — HTML — CSS — Fastlane — PHP

Work Experience

MOBI HQ   **Nov 2021 - Present**

Intermediate Frontend Engineer — Wellington/Hybrid

- Designed, architected, and developed a customisable React Native template application, integrated with a back office for non-technical staff to manage CI/CD pipelines and deploy 100+ iOS/Android apps, automating deployment with Fastlane & GitLab Runners, reducing manual effort by 80%.

- Integrated Single Sign-On (SSO) with Apple, Facebook, and Google for authentication in React & React Native, implementing Cloudflare Turnstile and Google reCAPTCHA on Customer Sign In/Up screens, reducing bot attacks by 90%.

- Migrating from OpenAI's RealtimeClient to WebRTC connection, enhancing real-time communication capabilities for improved performance, scalability, and low-latency interactions.

- Principal developer for headless e-commerce product, ensuring 100% Jest test coverage.

Projects

Detour   **Jan 2025 - Present**

Lead Engineer — Melbourne/Remote

- Developing a React Native Expo social media app for food and beverage sharing, implementing a modular API repository pattern to enhance scalability and maintainability.

- Designed and optimised Supabase SQL database architecture, including relationships, tables, and query patterns, ensuring efficient data management.

Extracurriculars

North City Cricket Club   **Sept 2021 - Present**

Former Vice-Captain, Premier Cricket Player & Graphic Designer — Wellington

- Leading strategic decision-making and mentoring junior players.

- Creating social media content, increasing engagement by 30%.

Education

Victoria University of Wellington   Feb 2019 - Nov 2022
BE(Hons) in Software Engineering