Simar Singh Sandhu

Front-End | Lead Software Engineer

Niagara, Canada L2V 0M9 | +1 (437) 243-1131 | sandhusimarsingh@gmail.com
Portfolio: simar-singh-sandhu.web.app | LinkedIn: linkedin.com/in/simar-singh-sandhu

SUMMARY

Lead Software Engineer with **4 years** of experience specializing in **front-end** architecture, team leadership, and mentoring. Proven ability to deliver scalable, high-performance solutions by leveraging emerging technologies to drive innovation and enhance user experience.

SKILLS

- **Languages**: JavaScript, TypeScript, HTML5, CSS3, Python, C++.
- **Frameworks / Libraries**: React, React Native, Angular, Svelte 5, Redux, Material UI, Bootstrap.
- **Tools & APIs**: Node.js, Docker, REST APIs, GraphQL, MySQL, PGAdmin, Jest, ESLint.

KEY ACHIEVEMENTS

- **Enhanced** app performance by **40%** with code optimization and refactoring.
- **Led** a team of **10–15 developers**, achieving 95% on-time delivery across multiple feature releases.
- Over **10,000** GitHub contributions in a single year.
- Launched 2 digital products used by **100K+** active users.

WORK HISTORY

Senior Software Engineer
Viral Nation Inc, Toronto | Aug 2024 – Feb 2025

- Optimized front-end performance using progressive web app techniques, significantly reducing load times and enhancing user engagement.
- Implemented best practices and guidelines through code reviews and unit testing (Jest).
- Introduced reusable UI component library, reducing front-end bugs by 35%.
- Maintained documentation for onboarding, code conventions, and CI/CD pipeline usage.

Lead Software Engineer
Viral Nation Inc, Toronto | Jan 2023 – Aug 2024

- Led development across multiple micro-frontend apps, using GraphQL and TypeScript.
- Spearheaded migration from legacy Angular codebase to React, reducing technical debt by 60%.
- Oversaw 30+ technical interviews, code reviews, and team mentorship to enhance code quality.
- Delivered features on time using agile sprint planning and constant communication with PMs.

Software Engineer
Viral Nation Inc, Toronto | Oct 2021 – Jan 2023

- Developed single-page web applications using React, Redux, and REST APIs.
- Implemented mobile-first design principles for responsive layouts.
- Utilized Chrome DevTools for debugging and performance analysis.
- Collaborated closely with UI/UX designers and QA to improve design-to-code accuracy.

EDUCATION

Bachelor's in **Computer Engineering** Technology **|** *Seneca Polytechnic, Toronto | May 2021* | GPA: 3.8 / 4.0