Simar Singh Sandhu

Full Stack | Lead Software Engineer (Website - https://simar-singh-sandhu.web.app/)

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SUMMARY

With **4 years** of experience as a **full-stack** software engineer, I specialize in **front-end** architecture, team leadership, and mentoring. I deliver scalable, high-performance solutions while leveraging emerging technologies for web development to drive innovation.

SKILLS

- **Web Development:** React, React Native, Svelte 5, Angular, Vue.js, HTML5, CSS3, Material UI, Bootstrap, StoryBook, Web Applications.
- **Programming:** JavaScript, TypeScript, Node.js, Express, PHP, Python, Java
- **Databases:** MySQL, MongoDB, DynamoDB, MSSQL, Oracle, PgAdmin 4, Docker
- **APIs & Integrations:** REST APIs, GraphQL, OpenAPI, Apollo, Stripe, Google
- **Testing & QA:** Jest, Mocha, Sinon, PHPUnit
- **Agile & DevOps:** JIRA, Confluence, Git, GitHub
- **Platforms & Tools:** Windows, Linux, MacOS, Android Studio, Xcode Cloud
- **Cloud & Hosting:** AWS, Firebase

WORK EXPERIENCE

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

- Led the transition to Svelte 5, optimizing web applications for enhanced performance, reduced load times, and seamless user experiences.
- Collaborated with cross-functional teams (front-end, back-end, data scientists, product managers) to define and implement software solutions.
- Designed scalable architectures and upheld code quality through mentoring and reviews.
- Spearheaded agile development cycles to deliver high-quality features within deadlines.

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

- Led front-end product development (JavaScript, TypeScript, React, React Native, GraphQL) from conception to successful launch.
- Managed a team of 10-15 front-end developers, providing mentorship, conducting code reviews, and overseeing technical interviews.
- Worked with cross-functional teams to define roadmaps and deliver features on time.

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

- Built and launched a web app with React, TypeScript, GraphQL, and Redux.
- Contributed to UI development with Material UI and maintained the application for improved performance and usability.

EDUCATION

Seneca @York University**,** Toronto **| Computer Engineering** Technology | May 2021 | GPA - 3.8 / 4.0