

# Simar Singh Sandhu

**Lead Software Engineer** (Website - <https://simar-singh-sandhu.web.app/>)

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## SUMMARY

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As a Lead Software Engineer, I bring **3 years** of experience building complex software applications using React and React Native. I have a strong proficiency in software design and architecture, full-stack development, and **team management**. Throughout my career, I have demonstrated the **ability to lead** cross-functional teams of **10 to 15 developers** and collaborate effectively with stakeholders to deliver high-quality software products.

## WORK EXPERIENCE

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### Lead Software Engineer

Jan 2023 – Present

Viral Nation Inc, 2355 Skymark Ave #200, Mississauga, Toronto

- Led the development of multiple front-end products, from conception to launch, using JavaScript, TypeScript, GraphQL, React and React Native.
- Managed a team of 10 to 15 front-end developers, providing mentorship, code reviews, technical guidance, and conducting technical interviews.
- Collaborated with product managers, designers, and other stakeholders to define product roadmap and deliver features on time.
- Constant communication with frontend, backend, data scientists, microservices, customer success, and tech managers to ensure perfect architectural structure.

### Software Engineer

Oct 2021 – Jan 2023

Viral Nation Inc, 2355 Skymark Ave #200, Mississauga, Toronto

- Developed and maintained a React web application from scratch to launch, using React, JavaScript, TypeScript, Material UI, GraphQL and Redux.
- Conducted code reviews and provided technical guidance to junior developers.
- Worked closely with cross-functional teams to deliver new features and resolve production issues.

### Front-End Developer

Jun 2020 – Oct 2021

Advanta Innovations, Advanta Rapid ERP, Remote - Toronto

- Built a web application for high educational student information systems using HTML5, CSS3, JavaScript, Nodes Js, Angular and Bootstrap.
- Implemented RESTful APIs for backend integration, and participated in the agile development process, utilizing JIRA and Confluence for project management.

## EDUCATION

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Seneca @York University, Toronto | **Computer Engineering Technology** | May 2021

## SKILLS

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**Technical Skills:** React Web Design (Expert), User Interface Design (Experienced).

**Industry Knowledge:** Responsive Web Design (Advanced), Mobile Web Development.

**Frameworks/Technologies:** React JS, React Native, Angular, Vue, Redux, Material UI, Bootstrap, HTML5, CSS3.

**Programming Languages:** JavaScript, TypeScript, Node.js, Express, PHP, Java, Python.

**APIs:** REST, OpenApi, GraphQL, Apollo, Google, Stripe.

**QA:** Jest, Mocha, Sinon, PHPUnit

**Databases:** MySQL, DynamoDB, MongoDB, Firebase Firestore, MSSQL, Oracle Database (SQL)

**Agile collaboration tools:** JIRA, Confluence (Atlassian), GitHub.

**OS:** Windows, Linux, MacOS.

**Build Tools:** Android Studio, XCode Cloud

**Technologies:** AWS, Firebase.