

Simar Singh Sandhu

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

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SUMMARY

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

Lead Software Engineer

Jan 2023 – Present

Viral Nation Inc, 317 Adelaide St W (6th Floor) - 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, 317 Adelaide St W (6th Floor) - 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.

EDUCATION

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

SKILLS

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.