

Archit Sandesara

Toronto, ON | sandesara.archit@gmail.com | (647) 468-9772 | [LinkedIn](https://www.linkedin.com/in/archit-sandesara): <https://www.linkedin.com/in/archit-sandesara>

SUMMARY

Versatile Full Stack Developer and Data Scientist with extensive experience in designing and implementing scalable web and mobile applications. Proven track record in leveraging software development lifecycle and cloud technologies to improve operational efficiency and compliance. Skilled in AI development, CI/CD pipelines, and agile methodologies, with a strong focus on delivering high-quality, user-centric solutions.

- | | |
|------------------------|---------------------|
| Full Stack Development | Data Scientist |
| Backend Development | Android Development |
| Frontend Development | Cloud Development |

EXPERIENCE

Senior Full Stack Developer / RBC Royal Bank – Toronto, ON	11/2021 to Present
--	--------------------

- Led full-stack development of a critical web application using **React, Material UI, Node.js, Flask** and **Github Copilot** enhancing operational efficiency by 80%.
- Designed and optimized automated Fed report generation leveraging **Python, SQL, Apache Spark and Hive** improving compliance accuracy by 95%.
- Developed robust RESTful **APIs** and managed application state with **Redux**, contributing to high-fidelity **Figma** mockups for UI/UX and following the WCAG **accessibility** standards.
- Managed development workflows via **Jira** and collaborated with stakeholders, increasing project delivery predictability by 60%.
- Streamlined **CI/CD** pipelines using **GitHub, Jenkins, UCD, and Helios**, accelerating deployment frequency by 50% with comprehensive **unit testing**.

Full Stack Software Developer / Consulero Inc. – Toronto, ON	09/2020 to 11/2021
--	--------------------

- Developed responsive web and mobile applications using **React JS, Redux, and React Native** with interactive UI prototypes crafted in **Lucidchart and Figma**.
- Applied advanced knowledge of data structures, algorithms, relational and non-relational databases for efficient **API** integration and testing with **Jest** and Puppeteer.
- Built, tested, and deployed microservices and CI/CD pipelines on **Azure** for multiple projects.
- Improved page load speed by 75% through **performance optimization** and **code refactoring**.
- Collaborated in **agile teams** to prioritize feature development for maximum impact.

- Developed full-stack web applications using **JavaScript frameworks** to **process, analyze, and visually render data**.
- Integrated backend data flows with REST APIs and JSON for dynamic data visualization.
- Increased efficiency by 15% through creation of a web-based executive-facing application for metrics reporting.

- Investigated technical challenges related to live streaming applications and contributed technical proposals for improvement.

- Developed and maintained mobile applications serving over 35,000 users.
- Participated in the full Software Development Life Cycle (SDLC), including design, development, automated testing, and deployment.
- Enhanced code quality and accuracy by 10% through pair programming, design patterns, and best practices.
- Conducted user interface testing, debugging, and prepared technical documentation for completed projects.

EDUCATION

Cloud Computing for Big Data
Bachelor of Engineering, Information Technology

Lambton College – Toronto
Gujarat Technological University

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript

Frontend: React, Material UI, Redux, HTML, CSS, Jest

Backend & APIs: Node.js, Express, Flask, REST API, GraphQL

Mobile Development: Android Studio, Android SDK, React Native

Cloud & DevOps: Azure, AWS, CI/CD (Git, GitHub, Jenkins, UCD, Helios, DAG)

Databases & Caching: SQL, MySQL, Hive, ElasticSearch, Redis

Tools & Methodologies: Visual Studio, Github Copilot, Jupyter Notebook, MS Office, Scrum, Jira, Figma, Lucidchart