

SOHAM MILANBHAI SAKARIA

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[LinkedIn profile link](#)

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 7/10/11 • Linux • Android

Applications | Unity2d/3d • Flutter • Blender3d

Programming | Java • Dart • C/C++ • JavaScript • CSS • HTML • Python

Platforms | [GitHub](#) • [LinkedIn](#) • [Portfolio](#) • [LeetCode](#) • [Facebook](#)

Languages | Gujarati – Mother tongue • English – Advanced • Hindi – Advanced • French – Basic

EDUCATION

Master of Applied Computer Science – Co-op

2023-2025 (Expected)

Concordia University, Montreal, QC

- Pursuing MACS at Concordia University gives a perfect combination of theoretical and practical experience.
- Aiming to study essential core subjects and the variety of elective topics to widen my understanding of computers.

Bachelor of Technology – Computer Science and Engineering

2019-2023

SRM University, Chennai, Tamil Nadu, India

- Relevant Courses: Data Structures and Algorithms, Advanced Programming Practice, Computer Networks.
- GPA 9.28/10.

WORK EXPERIENCE

Research Assistant (Mitacs Internship)

Jul 2022 – Sep 2022

Carleton University, Ottawa, Ontario

- Conducted research work under Professor David Thue on different definitions of the term “Game mechanics”.
- Made a platform for users to provide their own definition of the term using visual representations such as block diagrams.
- Used the software Unity 3d to make the application which would be tested on the public.

Android App Developer

Jul 2021 – Dec 2021

SRM University, Chennai, Tamil Nadu, India

- Worked to participate in the development of a mobile app to track the non-documented clinical activity of the staff of Royal Brisbane and Women’s Hospital.
- Collaborated with 3 interns to develop an app to manage appointments for different patients with different doctors.
- Made the application using Flutter software.

Flutter App Developer**Dec 2020 – Mar 2021**

Mentor Match India, Chennai, Tamil Nadu, India

- Lead a team of 4 interns to develop an application for the company.
- The application focussed on providing seamless education between mentors and mentees during the difficult pandemic times.
- Worked on the front-end of the application.
- Worked on the integration of Flutter and Firebase.

EXTRA-CURRICULAR ACTIVITIES

Associate**Nov 2020 – Jun 2022**

SRM Hackerearth, Chennai, Tamil Nadu, India

- Part of a technical team as an associate under the competitive coding domain
- Brought optimized solutions and unique approaches to real world problem statements.

Associate**Apr 2021 – May 2023**

NextTech Psach Lab, Chennai, Tamil Nadu, India

- Worked as an associate to develop different games and work on 3d models.
- The main purpose of this lab was to make students think creatively to yield better results and also collaborate with fellow peers to improve communication skills.

AWARDS & RECOGNITION

Research paper on Rheumatoid Arthritis Predictor using ML and Explainable AI**Jun 2023**

- The research focused on using machine learning (ML) and Explainable AI (XAI) to accurately diagnose Rheumatoid Arthritis (RA) at an early stage. The link for the published paper can be found [here](#).

Special Mention at Hacktrix by IEEE**Mar 2021**

- The project for this hackathon was made to integrate the world of paintings into crypto. A person can buy/sell paintings using their crypto wallet and they can also generate an image with the AI Image generator in the app.

Special Award at SRM Hackathon 5.0 by SRM University**Mar 2021**

- The project was made to focused on solving the pandemic problems by integrating Augmented reality and laboratory classes. Teachers can log in and teach the students by displaying models in AR mode.

First position at Geekathon (Hackathon organized by GeeksForGeeks SRM)**Dec 2020**

- The project was an application made for women's safety. When traveling alone at night, a person can utter a trigger phrase that can be customized to their liking. The emergency contacts (that they have set themselves) will be notified instantly, along with the appropriate authorities.

Best Health Hack Synthacks Hackathon (An MLH initiative) and Best Mobile App at codestellation hackathon organised by Brandeis.**Nov 2020**

- The application was made for the health sector, as the users of this app could contact doctors by

chat or video call without having to visit them in person. This was of great help as the pandemic had initiated lockdowns, and it was precarious going out.

First position at Hackyuva, organized by LearnYuva at SRMIST

Nov 2020

- This application's main focus was to ease the lives of women suffering from breast cancer. They would be able to contact doctors with chat/video calls and have a socials feature.

INTERESTS

Experience Abroad Canada (2022, Mitacs Internship)

Sports Football, Formula 1

Passions Programming (2018-present), Mobile app development (2020-present), web development (2023-present)