Arsh Chauhan

📞 647-897-3750 🏢 Waterloo, ON in [LinkedIn](#) 🌐 [Portfolio](#) [GitHub](#) ✉ ac11012005@gmail.com

Technical Skills

Languages & Database: C, C++, C#, Python, SQL, HTML, CSS, JavaScript
Tools: Flask, Flutter, Git, Azure, React, Google Cloud
Skills: Machine Learning, Computer Vision, Data Structures & Algorithms, Object Oriented Programming, Operating Systems, Computer Systems Architecture, Linux, Version Control, Discrete Mathematics, Agile Development

Professional Achievements

Joint Entrance Examination
July 2022

All India Rank - 221
India

- Scored 221 All India rank among 15 lakh students with total percentile of 99.8. Scored Highest in Maths Percentile of 99.98.
- Gained title of Highest Mark Achieved in School surpassing the score of 95 percentile after 5 years.

Computer Science, Maths and Physics Tutor
January 2021 – Present

Private Tutor
Waterloo, ON

- Tutored 30+ students in Physics, Chemistry, Maths, Computer Science, and Advanced English
- Tailored instruction to individual learning styles, resulting in a grade improvement in JEE Examination

MELANGE: School Enterprises Challenge
April 2019 – April 2022

President
Delhi, IN

- Led the MELANGE team of over 300 students with school officials in making projects to embrace Entrepreneurship within students .
- Represented the Fest in multiple Universities, Colleges and School and won award in Best Active President

Notable Projects

[BookGram](#) | *Machine Learning, Python, Flask, HTML, OpenAI, GoogleBooks*

- Designed and engineered BookGram, an Application which can detect book details just by the Description and autonomously provide all the Details of the Book.
- Trained ML models using Python Deep Learning to detect Book Details with data from various users Search and by Training the Model with the manual testing with multiple volunteers

[FaceFolio](#) | *Python, ML, Flutter, Computer Vision, Google Cloud, SQLite, HTMl, CSS*

- Developed the FaceFolio Android app, which completely streamlines the process of identifying and sharing photos with friends and family by implementing facial recognition.
- Achieved a 98% accuracy in facial detection using Python and OpenCV, enhancing the app's functionality by automatically identifying people in photos and sharing the photos with them
- Leveraged the Google Photos API to facilitate access to users' photo libraries and Flutter to design an eye-catching and accessible Android app UI.

[Core-Sounder](#) | *Python, GoogleAPI, Spotify API HTMl, CSS*

- Developed the Core-Sounder web application, which allows users to upload a music link and provide all the song details, allowing the music to be played slowly and with reverb.
- Enhanced the app's functionality by training the data using different data sets, resulting in a 99% accuracy in song detection utilising Python, SpotifyAPI, and YoutubeAPI.

Activities & Leadership

[ConHacks](#)
August 2023 – Present

Vice- President, Co-founder and Web Developer
Waterloo, ON

- * Initiated, planned, and successfully executed a 130articipant tech hackathon focused on learning and innovation
- * Demonstrated leadership by overseeing the hackathon, managing logistics, marketing, finance, and sponsorships

LeetCode Club
January 2023 – Present

Vice - President & Co-founder
Waterloo, ON

- * Formed an organization of 100+ members and organized multiple successful coding events, workshops, and sessions
- * Delivered lessons to members with a strong emphasis on learning and implementing Data Structures and Algorithms

Education

Conestoga College, Waterloo, ON
January 2023 – August 2026 (Expected)

Bachelor of Computer Science (Honours)
GPA: 3.5/4

Volunteering & Awards

Conestoga College Orientation: Head Volunteer | **Google Devfest 2023**: Volunteer | **Google Developer Student Club**: Member | **MELANGE School Entrepreneur Challenge** : Best President for 2 years | **CBSC Fest 2020**: Gold Medal - Melange Website Developer | **National Chess Championship** : Most Attacking Player |