

Mohit Gedela

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EDUCATION

McMaster University, BEng in Software Engineering (Co-op) Sept 2024 – Apr 2029
• GPA: 10.0/12.0 (3.7/4.0)
• Dean's Honour List (Awarded to students with a minimum of 9.5 / 12.0 GPA)

TECHNICAL SKILLS

Technical Skills: Python, Java, HTML, CSS, JavaScript, TypeScript, Excel, Word, Git/GitHub, Quartus, Verilog
Frameworks: Flask, Streamlit, Firebase, Apache, Next.js
Libraries: React.js, OpenCV, DeepFace, Pillow, NumPy, Pandas, scikit-learn, MediaPipe, Pickle

EXPERIENCE

Software Engineer Intern, GastroTrackAI – Online Mar 2025 – Jun 2025
• Engineered scalable backend components with **Flask** and **TypeScript**, accelerating **feature delivery by 30%**
• Integrated a **user notification system** that utilized **Firebase** for tracking user inactivity, reducing **drop-off rates by 20%**
• Fixed **15+ critical bugs** and **documented key updates**, enhancing stability and user experience
• Implemented **UberEats API** and **REST APIs** to log over **100+ food items** for nutrient intakes and **enabling personalized insights**

PROJECTS

LevelUP | GitHub Aug 2025
• Engineered a **AI full-stack Next.js** app enabling users to upload their files and receive personalized quizzes tailored to their interest
• Integrated **Gemini LLM** to generate quizzes, utilized **REST API endpoints** to manage dynamic quiz generation and **React.js**, **TailwindCSS** for the frontend

Moodify | GitHub Jul 2025
• Developed a **Python application** that **detects** a user's **realtime emotion** by implementing **Opencv** and **Pillow** to enhance the image and, **DeepFace** and **Numpy** to detect the emotion
• Integrated **Streamlit** for a **responsive UI** and **deployment**, and utilized **Spotify's Web API** to fetch and **curate** a **playlist** based on the emotion.

Java Battle Ship Game | GitHub Jul 2023
• Developed an **interactive Battleship-style game** using math concepts (**coordinates, slopes, inequalities**) to enhance student learning through gamified problem-solving
• Built using **object-oriented programming** to manage logic, difficulty, and visual feedback for math learning.

ADDITIONAL

Awards: Dean's Honour List, Honourable Mention Award at ZappARthon among 500+ participants; TD Achieve the Dream Scholarship Canada; Top 25% in North America in the Deca Stock Market Game; School Champion of Canadian Team Mathematics Contest 2023;