

# Sheharyar Meghani

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**Portfolio:** <https://sheharyarsportfolio.vercel.app> | **Canadian Citizen**

## EDUCATION

### University of Toronto

Toronto, Ontario

*Honours Bachelor of Science in Computer Science (Co-op)*

*Expected Graduation: May 2027*

- **Relevant Courses:** Software Design, Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Operating Systems, Databases

**GPA: 4.0**

## EXPERIENCE

### Software Developer Intern

May 2024 – Aug 2024

*Adamjee Life Insurance*

- Developed Web applications using Angular(Javascript), improving user experience and increasing site traffic and sales by 30%
- Transitioned 50% of Adamjee Life's websites from Oracle to Angular, enhancing performance and maintainability
- Integrated multiple APIs for seamless data loading, ensuring efficient and dynamic content delivery
- Collaborated with .NET backend team to optimize API performance and data handling, reducing load times by 25%
- Developed robust and scalable backend services with .NET Core Web APIs(C++) and SQL
- Worked in a fast-paced environment to deliver production-ready code, meeting tight deadlines with cross-functional teams,using Git

## PROJECTS

### Smart Course App | *Python, Flask, React, SQL, Bycrypt, Git*

Feb. 2024

- Developed a Full-stack Smart Course app using Flask for the back-end serving a REST API, and React, CSS for the front-end
- Implemented user authentication (login/logout) to secure user data using Flask and SQL
- Enabled Students to access grades, submit regrade requests, and provide anonymous feedback to instructors, resulting in a 30% reduction in administrative workload by leveraging Flask and SQL for seamless functionality.
- Enabled Instructors to update grades and access anonymous feedback, saving significant time by using Flask and SQL
- Conducted thorough debugging and testing across the application stack to ensure seamless performance and reliability

### TrashNinja | *Python, Flask, React Native, TensorFlow, Hugging Face, Git*

October 2024

- Developed a mobile app that allows users to classify trash items like plastic, metal, cardboard, etc., and receive disposal instructions (e.g., recycle, compost, donate)
- Implemented AI-based trash classification using a Hugging Face model with TensorFlow, improving waste sorting efficiency
- Built a Flask-based backend to handle image processing and AI model integration
- Designed a React Native frontend for users to take or upload images, enhancing user interaction and experience
- Collaborated with teammates using Git for version control and streamlined code integration.

### E-mail Rest Api | *Flask*

July 2024

- Developed a Flask REST API to handle form submissions from the frontend
- Implemented functionality to send form data as an email, ensuring timely receipt of submissions.
- Ensured secure and efficient communication between frontend and backend components

## SKILLS

**Languages:** JavaScript, Python, Java, C/C++, SQL, Typescript, HTML/CSS

**Software:** React, React Native, Android Studio, GraphQL, Angular,Node.js, Next.js, Tailwind CSS, Flask, Django, Git, AWS, Pytorch

**Libraries:** Tensorflow, Pandas, NumPy, Matplotlib