

# 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, Systems Programming, Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Operating Systems, Databases and Web Applications

GPA: 4.0/4.0

## EXPERIENCE

### Software Developer Intern

May 2024 – Aug 2024

Adamjee Life Insurance

- Enhanced **UI/UX** and boosted site traffic and sales by 30% by developing web applications using **Angular (JavaScript)**.
- Migrated 30% of company's internal Web service from Oracle to **Angular**, improving performance and maintainability.
- Integrated **RESTful APIs** for dynamic content delivery, streamlining data loading and enhancing efficiency.
- Collaborated with the **.NET** backend team to optimize **API** performance, reducing load times by 25%.
- Designed and implemented scalable backend services using **.NET Core Web APIs (C++)** and **PostgreSQL**.
- Delivered production-ready code in a fast-paced environment, meeting tight deadlines with cross-functional teams using **Git**.

## SKILLS

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

**Software/Libraries:** React, React Native, Android Studio, Angular, Flask, Django, Node.js, Next.js, Tailwind CSS, Tensorflow, Pytorch, Scikit-learn, Pandas, NumPy, Matplotlib, SQLite

**Other:** Git, Jira, Agile Methodology/Scrum, J-unit testing/Mockito, Firebase

## PROJECTS

### Smart Course App | Python, JavaScript, Flask, React, MySQL, HTML/CSS, Git

[Video Link](#)

- Built a full-stack app with **Flask (REST API)** and **React (UI/UX)**, ensuring scalability and responsiveness.
- Implemented secure authentication using **Flask**, **MySQL**, and **BCrypt**, ensuring data privacy.
- Reduced administrative workload by 30% with features for grade access, regrade requests, and anonymous feedback, leveraging **Flask** and **SQL**.
- Enabled instructors to efficiently manage grades and feedback, saving time and improving workflows.
- Ensured high reliability through comprehensive debugging, testing, and version control with **Git**.

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

[Video Link](#)

- Developed a mobile app enabling users to classify trash items (e.g., plastic, metal, cardboard) 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 integrate the AI model.
- Designed a **React Native** frontend, allowing users to take or upload images, enhancing user interaction.
- Collaborated with teammates using **Git** for version control, ensuring streamlined code integration.

### Planetze | Android Studio, Java, Firebase, JUnit, Mockito, Git, Jira

[Video Link](#)

- Developed an Android app using **Android Studio** and **Java** to track users' carbon footprints and promote eco-friendly habits.
- Stored user activities and carbon footprints in real-time using **Firebase**, with authentication for secure access.
- Implemented **MVP** for login method and performed **JUnit** testing using **Mockito** to ensure reliability.
- Designed appealing data visualizations with **XML**, enabling users to track their footprints, set eco-friendly reminders, and gain insights.
- Followed Scrum Agile methodology using **Jira** and **Git** for project management and collaboration.