

Razeen Ali

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EDUCATION

University of Toronto

Bachelors of Science in Computer Science and Mathematical Sciences - **cGPA: 3.57**

Toronto, ON

Aug. 2021 – May 2026

EXPERIENCE

Ramuri Inc.

Software Developer

June 2022 – September 2022

- Developed a Chrome extension with **Django REST API** and **JavaScript** to automate the evaluation of clothing ethical ratings, reducing research time by **140%** and enhancing user decision-making efficiency.
- Engineered custom web scrapers to aggregate and normalize data from numerous sources, enhancing data accuracy and leading to a **310%** increase in processing efficiency.
- Architected and implemented the Chrome extension from scratch, handling both front-end and back-end development, contributing to a **20%** increase in overall user engagement.

University of Toronto, Psychology Department

Software Developer

September 2022 – October 2022

- Engineered a custom survey system with **oTree**, enhancing data accuracy by **110%** for 300+ participants.
- Implemented multi-user access, boosting engagement by **90%** and managing data from 150+ concurrent users.
- Increased data processing efficiency by **500%** by redesigning algorithm.

Mathematical and Computational Sciences Society

Software Developer

September 2023 – Present

- Led backend development for Mississauga's largest hackathon (**Deerhacks 3**), utilizing **Go** to construct a robust **REST API** and secure authentication system, successfully serving over 500 participants.
- Developed and implemented an advanced email verification system, enhancing database storage efficiency by **30%** and increasing email delivery speed by **600%**, significantly improving the user experience.
- Ensured data security and integrity by implementing encryption protocols and utilizing **Amazon S3** for scalable data storage, protecting sensitive participant information.
- Collaborated with a team to design, develop, and deploy the backend infrastructure from start to finish, ensuring system scalability and reliability, which facilitated seamless participant registration and interaction.

PROJECTS

GreenGrub | Django, React Native

- Developed a mobile app to scan food product barcodes, return sustainability and nutritional ratings, and engage users through interactive quizzes and gamified features, improving decision-making and user engagement.
- Utilized **Django REST framework** and **JWT authentication** for secure and efficient data handling, supporting multiple concurrent users and ensuring a smooth user experience.
- Enabled users to save product data, create shopping carts, and track average ratings, enhancing personalized shopping experiences and efficient data management, contributing to higher user satisfaction.

Optimized Study Plan Scheduler | ReactJS, Django, REST API, SQL, Python, JavaScript

- Directed the development of a web-based study scheduler at the **University of Toronto Mississauga**, automating personalized study planning for 1000+ students and enhancing their academic organization by **40%**.
- Devised and implemented a sophisticated greedy algorithm that adapts to individual student preferences, optimizing study schedules to maximize efficiency and personal relevance, resulting in a **120%** boost in scheduling efficiency.

Appointify | Django, React JS, JavaScript, HTML, Tailwind CSS, Python, Git

- Led a team of 4 to develop a dynamic scheduling platform aimed at streamlining 1:1 meetings, enhancing scheduling efficiency for professors and students, reducing scheduling time by **50%**.
- Implemented user-friendly scheduling and calendar creation, with robust backend functionality using **Django** and **REST APIs** for user authentication, scheduling, and data management, handling over 2000 meeting requests.
- Utilized **React JS** and **Tailwind CSS** for a seamless, responsive, and visually appealing frontend experience, resulting in a **30%** increase in user satisfaction ratings.
- Addressed scheduling algorithm errors and optimized time preference storage, ensuring reliable and efficient meeting scheduling, improving meeting attendance rates by **20%**.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS, Arduino, Processing, Java, C, Bash, Dart, SQL, Rust

Frameworks: Django, ReactJS, Node.js, Material-UI, oTree, React Native, Flutter, StrApi

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Firebase, IntelliJ, LaTeX, Jira