

VAIBHAV GUPTA

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Motivated computer science student with a strong foundation in programming and critical thinking, gained through coursework and hands-on projects. Developed an AI-powered safety app for real-time emotional monitoring using JavaScript, React, and Django. Actively participated in hackathons and CTF competitions, showcasing problem-solving skills and adaptability. Proven time management and communication abilities, enhanced through leadership roles and volunteer work, complemented by academic achievements, including Honor Rolls and University of Toronto Entrance Scholarship.

EDUCATION

Honours Bachelor of Science in Computer Science | University of Toronto Scarborough

September 2023 – September 2027

- University of Toronto Entrance Scholarship Recipient
 - Relevant coursework: Software Design, Computer Organization, Introduction to CS II, Software Engineering
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PROJECTS

AI Safety App “SafeOSTroll” | Hack the Valley | University of Toronto Scarborough

- Developed an AI-powered app to monitor user emotions in real-time, providing calming resources or connecting to emergency services based on emotional indicators.
- Implemented seamless voice interaction with WebRTC for continuous user-AI communication.
- Integrated HERE Maps API for location tracking and emergency routing.

“HikeOn” | Software Design | University of Toronto

- Created an event planner and safety guide app to assist users in organizing and navigating outdoor events.
- Incorporated weather and safety alerts for real-time guidance.
- Developed user-friendly features for mapping event locations and tracking routes.

DND Helper App | CREATE Club | University of Toronto Scarborough

- Developing a web-based tool for organizing and enhancing Dungeons & Dragons campaigns, catering to both large groups with multiple DMs and smaller, single-DM groups.
 - Connected frontend and backend components, enabling seamless data flow and efficient user interactions.
 - Integrated features for campaign organization, character tracking, and gameplay enhancements to support
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SKILLS

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| • Python | • REACT |
| • Java | • Docker |
| • Django | • Communication |
| • JavaScript | • Problem Solving |