VANSHAJ GUGNANI

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I am a focused Computer Programming student, studying full-time at Seneca with a passion for teaching and excellent leadership qualities. I have taken part in several volunteer activities and leadership programs. Recently, I was leading a group named **MACROS** in housing hackathon and our team successfully developed a roommate finder app named **ZilBil**. I have also tutored several middle school students. I am currently enrolled in my 4th semester and my academic dedication is visible in my grades as I achieved a perfect **GPA of 4.0** in all my previous semesters

EDUCATION

COMPUTER PROGRAMMING

Seneca Polytechnic, North York, Ontario

SEPT 2023 – APR 2025

- Named to the President's Honor List for three consecutive semesters
- **GPA: 4.0**

EXPERIENCE

STUDENT LAB ASSISTANT

Seneca Polytechnic. | North York, CA

SEPT 2024 - PRESENT

- Provide technical assistance to students in computer programming labs, helping them troubleshoot issues and understand concepts.
- Support the professor by preparing lab materials, and ensuring smooth operations of labs
- Interacted with the students in a friendly manner to ensure every student can ask their queries without hesitation.

TEAM LEAD | HOUSING HACKATHON

Seneca Polytechnic, North York, Ontario

FEB 2024 – MAR 2024

- Led a team of 4 developers in building a roommate finder app, ZilBil, aimed at solving the challenges of finding compatible roommates.
- Handled project management, collaborated on technical solutions, and ensured timely delivery of the prototype.

Gained hands-on experience in team leadership, problem-solving, and agile development

PRIVATE TUTOR

Freelance | India

APR 2022 – AUG 2023

- Tutored high school and primary school students in basic programming like C.
- Understood every student's needs and ensured concepts are taught according to that
- Provide one on one assistance in problem solving.
- Helped them develop some excellent projects and think out of the box

CDC AMBASSADOR

Savers | Value Village | Markham, ON

APR 2024 - PRESENT

- Contacted with donors, providing excellent customer service and guiding them through the donation process.
- Promote Value Village's mission and encourage donations of clothing, household items, and other goods to support community programs.
- Manage donation intake, ensure items are sorted appropriately, and maintain a clean and organized donation area.

SALES ASSOCIATE

UNIQLO | Markham, ON

 OCT 2023 – SEPT 2024

- Assisted customers in selecting products and provided recommendations on store items and promotions.
- Processed transactions at the cash register, ensuring a seamless checkout experience for customers.
- Helped maintain store appearance by restocking shelves, organizing product displays, and ensuring merchandise was well-presented

PROJECTS

LOST&FOUND

TECHNOLOGIES USED: FIREBASE, EXPRESS, NODEJS, NODEMAILER, TWILIO, STRING-SIMMILARITY, OSM GEOCODING

- Developed a web application which allows user to report lost and found items which is then matched using **dice coefficient algorithm.**
- The coordinates of reported items are found using **Geocoding** found item must be in a radius of 20 KM which is measured using **haversine formula.**
- This project uses **Firestore Database** to store user details and once found uses gets a notification on their phones and mail

MONSTER ARENA

TECHNOLOGIES USED: MONGODB, EXPRESS, NODEJS, BCRYPT

- Developed a full stack project with efficient database integration and created this engaging, user-focused web application.
- In monster arena, users can create their own monsters, challenge opponents and modify and enhance their monsters to improve their performance.
- The project uses mongodb for data storage, ensuring efficiency for storing user data. For a robust backend, express and nodejs are used ensuring a great user experience with real time updates too.

CHROME EXTENSION

TECHNOLOGIES USED: JAVASCRIPT, DOM MANIPULATION

- Created a chrome extension for YouTube which pauses the videos when user switches to a different tab or changes the application

SKILLS

- **Languages:** C, C++, Python, SQL, Git, JavaScript,
- **Tools/Technologies:** ReactJs, nodeJs, TailwindCSS, Firebase, MongoDB, Postgres, SCSS, HTML, CSS, DaisyUI, FlowBite, Visual Studio, Turbo, Git, Agile Methodologies, Project Management, Debugging
- **Software:** Microsoft Office, Jira, GitHub
- **Operating Systems:** Windows, Linux, MacOS