KANISHKA MAINGI

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I am an aspiring software developer, passionate about creating efficient and innovative software solutions. My journey in technology is driven by a desire to solve real-world problems through code. I am currently focused on expanding my knowledge in full-stack development, I enjoy working with various technologies and frameworks to build user-oriented and useful applications. I believe in writing clean, maintainable code and am very eager to showcase my skills to enter in the workplace.

EDUCATION

COMPUTER PROGRAMMING | SENECA POLYTECHNIC, NEWNHAM

SEPT 2023- MAY 2025

- Cumulative GPA: 4.0
- Named to the President's Honour List for two semesters.

EXPERIENCE

PRIVATE TUTOR (FREELANCE)

MAY 2022 – PRESENT

- Provided one-on-one tutoring in programming languages such as C, C++, and Python, focusing on core concepts and practical coding skills.
- Helped students understand the problems, improving their coding ability and confidence.
- Assisted with homework, exam preparation, and project work, enabling students to strengthen their programming knowledge and achieve better results.

TEAM LEAD (HOUSING HACKATHON)

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

NESPRESSO COFFEE ADVISOR

Premium Retail Canada | Canadian Tire

NOV 2024– PRESENT

- Provide knowledgeable coffee consultations, addressing customer needs and preferences to guide product selections.
- Engage customers with product demonstrations, enhancing brand loyalty and driving sales.
- Maintain visually appealing product displays, manage stock levels, and assist with daily store operations.

SALES ADVISOR

Club Demonstration Services | Costco Wholesale

SEPT 2023 – OCT 2024

- Worked with various brands like P&G, Nespresso, Pelmens, PepsiCo, KFI, Starbucks, and many more to increase their sales in a fast-paced retail environment.
- Engaged with customers to drive the sales by demonstrating them.
- Completed sales targets by understanding customer needs and promoting products according to that
- Managed inventory, maintained product display and ensured everything in done according to costco food safety protocol

PROJECTS

MONSTER ARENA

TECHNOLOGIES USED: MongoDB, socketIO, nodejs, express, 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.

LOST AND FOUND APP

Technologies Used: express, nodejs, twilio, nodemailer, firebase, 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 .

TO-DO LIST

Technologies used: Reactjs, express, nodejs, mongodb

- Created a simple web application using reactjs and mongodb to let users create a to-do List where users can add and update the items on their list.
- Used MongoDB to store user data in an efficient way and used Bcrypt for data encryption to hide sensitive data.

SKILLS

- Languages: C, C++, Python, Javascript
- Technologies/ Tools: ReactJs, Nodejs, express, MongoDB, HTML, CSS, TailwindCSS, Visual Studio, Git, Postgres, Agile Methodologies, Debugging, Project Management, Visual Paradigm
- Software
- Operating Systems: Windows, Linux, MacOS