AANAND AMAN

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OBJECTIVE

I am looking for a coop position where I can put my knowledge and talents to use while gaining significant experience in the IT field. I am an ambitious and hardworking person with a good foundation in IT. I have faith in my capacity to pick up new skills fast and adapt to new technologies, and I am dedicated to steadily increasing my technical expertise. I have good communication and problem-solving abilities, which prepares me to work cooperatively with clients and team members to resolve technical issues. As a co-op in the IT industry, I am thrilled about the chance to help a progressive business succeed.

TECHNICAL SKILLS

Programming Language	C, C++, Python, JavaScript
Database Management	Oracle12c, SQL Developer, MongoDB
Design and IDE Tools	MS Visual Studio, Visual Studio Code, MS Office, GitHub,
Operating Systems	Windows, UNIX/Linux, Macintosh
Web Development	JavaScript, CSS3, HTML5, Node.js, Express.js, AJAX, APIs, NPM, React.js

EDUCATION

- Advance Diploma   May 2022 - Present
  Computer Programming and Analysis
  Seneca College
  Markham, ON

PROJECTS

Valet Parking Application (C++)

- o   Developed and implemented a valet parking application to improve customer experience and streamline parking operations in C++ with accordance of OOP.
- o   Accurate in maintaining and keeping track of vehicles in a parking lot.
- o   Application included with towing services after the end of the day.

Employee Management Application (C++, SQL Database)

- o Successfully completed a project for employee management using C++ and SQL database.
- o Developed and implemented a system for storing, retrieving, analyzing, updating, and deleting employee information.

Personal Portfolio Website (HTML, CSS) : https://personal-portfolio-website-pi.vercel.app/ o
Developed a personal portfolio website to showcase professional skills and experiences.

- o Experience with version control software such as Git to manage source code and collaborate with other developers.

BlogPage-Web-App: https://drab-ruby-caterpillar-tux.cyclic.app/blog   o Developed a full-stack web application for creating, updating, and deleting blog posts, utilizing Node.js and Express.js for the backend.

- o Implemented secure user authentication and authorization using client-sessions middleware, allowing for user registration and login functionality with password hashing and session management.
- o Integrated Cloudinary for efficient cloud-based image storage, enabling users to upload and manage images associated with their blog posts.

Assembly Line Simulation (C++)

- o Implemented error handling and robust exception handling mechanisms to ensure the reliability of the assembly line simulation. o Leveraged STL algorithms to reorder workstations efficiently within the assembly line, improving simulation performance. o Demonstrated proficiency in C++ programming and object-oriented design principles.

Library Application (C++) o Implemented essential functionalities, including date management, menu generation, and data processing, to enhance the application's usability and efficiency.

- o Implemented robust data processing mechanisms, enabling efficient handling and manipulation of library-related information within the application.

OTHER EXPERIENCE

- Security Guard (Concierge)   2023 – Present
  Probe Investigation & Security Services Ltd.
  4665 Yonge Street, Suite 303
  Toronto, ON – M2N 0B4