Aroush Qureshi

Canadian Citizen | Calgary, AB | aroushq1@gmail.com | (403)-805-3117 |
https://www.linkedin.com/in/aroushq/| GitHub: aroushq1 | Portfolio: https://aroushqureshi.vercel.app/

EDUCATION

University of Calgary   **Calgary, Alberta**
B.S. in Software Engineering   *Expected Graduation, May 2027*

EXPERIENCE

NEZDEK   **Calgary, Alberta**
Software Developer Intern   *May 2024 – Aug 2024*
- Developed and maintained websites with a focus on SEO optimization using HTML, CSS, and more.
- Conducted regular performance optimization, improving website speed and responsiveness to enhance usability across multiple devices and browsers.
- Applied version control systems to facilitate collaborative development and efficient code management.
- Collaborated with cross-functional teams and stakeholders to deliver cohesive web solutions using Agile methodologies.
- Built dynamic, interactive user interfaces and integrated them with back-end frameworks to deliver end-to-end solutions.

PROJECTS

StyleMate Web & Mobile Application   **Calgary, Alberta**
Team Lead   *Jan 2025 – Ongoing*
- Developing an AI-powered web and mobile application for personal wardrobe management and styling.
- Building a **Django & Python** based backend with SQL database integration to store user data, wardrobe items, and outfit recommendations.
- Integrating **Gemini LLM** and machine learning models for image processing, personalized styling advice, and trend analysis.
- Implementing **RESTful APIs** to enable seamless communication between the **React-based** front-end and the backend.

Personal Portfolio Website   **Calgary, Alberta**
Personal Project   *Dec 2024 – Jan 2025*
- Designed and developed a personal portfolio website to showcase projects, skills, and achievements.
- Utilized **Next.js, React.js, JavaScript, HTML, Tailwind CSS** and **Vercel** for a modern and efficient development stack.
- Implemented a responsive design to ensure compatibility across devices and browsers.
- Focused on performance optimization for fast loading times.

Movie Theatre Reservation System   **Calgary, Alberta**
Team Member   *Nov 2024 – Nov 2024*
- Developed a multi-tiered movie ticket reservation system with features for movie search, seat selection, payments, and ticket cancellations. Included special privileges for registered users, such as early seat access and fee waivers.
- Designed and implemented the backend using **Java, Spring Boot and SQL**, applying **object-oriented programming (OOP) principles** like encapsulation, inheritance, and polymorphism to ensure modular, reusable, and maintainable code.
- Built the frontend using **React.js**, **JavaScript**, **HTML**, and **Node.js**, ensuring a seamless user experience.

ACTIVITIES AND LEADERSHIP

Engineering Leadership Program   **Calgary, Alberta**
Excellence Tier Member   *Sept 2022 – Ongoing*
- Attended mentorship sessions with industry leaders to gain insights into career growth, leadership, and **negotiation skills**

SKILLS

Programming: **Java, Python, JavaScript**, **TypeScript**, HTML, CSS, **SQL**, C++, C, UML**,** Socket Programming (TCP/IP, UDP)
Technical: Computer & Software Architecture, **Object Oriented Design,** Data Structures & Algorithms, Unit Testing**, CI/CD pipelines** Agile Methodologies, DevOps Principles,** Machine Learning, Documentation, **UI/UX Design**, Data Science, **REST APIs,** **Full-stack Development, Web Development, Cloud technologies**, **SOLID Principles, AI Tools & Development**
Frameworks/Libraries: Node.js, React.js, Next.js, Tailwind CSS, Flask, Angular, Bootstrap, **Spring Boot**, Django, Pandas, Scikit-learn
Tools: Visual Studio Code, **Git**, Github, MySQL, **AWS**, Azure DevOps, Jira, Word, PowerPoint, Vercel, Figma, **MySQL, PostgreSQL**
Soft Skills: Strong written & verbal communication skills, Strong problem-solving skills, Detail-oriented, Able to work collaboratively in a team and independently, Proactive mindset & willingness to learn

AWARDS

Seymour Schulich Community Service/Entrepreneurial Award	*April 2022, May 2023, May 2024*
Diversity Champions in Engineering Scholarship	*April 2022*
Owen Hart Foundation Honorarium	*September 2022*
Alexander Rutherford Scholarship	*August 2022*