

Aroush Qureshi

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EDUCATION

University of Calgary

B.S. in Software Engineering

Calgary, Alberta

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, **JavaScript**, **TypeScript**, 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