



## EDUCATION

### UNIVERSITY OF CALGARY

#### BACHELOR OF SCIENCE, IN SOFTWARE ENGINEERING

GRADUATION DATE: JAN 2025

- Minor in Entrepreneurship & Enterprise.
- Relevant coursework includes *Data Structures & Algorithms, Computer Networks, Virtual Reality, Embedded Systems, Project Management, Data Base Management Systems, Human-Computer Interaction, Web Based Systems, Visualization*

## SKILLS

**TECHNICAL SKILLS:** Java, C, C++, C#, Python, VBA, VB6, MySQL, MongoDB, HTML, CSS, JavaScript, .NET Framework, React.js, Express.js, Node.js, MongoDB, Oracle Digital Assistant, Software Testing (JUnit, Selenium, Postman Jest), Unity Game Engine, AutoCAD, Graphic Art & Design, Video Editing

**SOFT SKILLS:** Strong Interpersonal Skills, Time Management, Leadership & Teamwork, Adaptive Learner

## WORK EXPERIENCE

JAN 2023 – AUGUST 2023

### SYSTEMS DEVELOPER STUDENT, CANADIAN NATURAL RESOURCES LIMITED

- Developed and employed user-friendly and responsive front-end interfaces for in house applications. (Utilized .NET Framework & C#)
- Implemented back-end databases to developed front end user interfaces. (Oracle Database, SQL)
- Optimized and enhanced applications by enhancing memory allocation and multi threading.
- Worked with end-users through *Agile* iterative development to consistently advance prototypes into final products.
- Created Excel Macros, Buttons, and features for Excel Templates.
- Collaborated and worked within the Engineering Information Management team gaining industry experience with several engineering tools including Smart P&ID, Smart3D, Drawing Manager.

## PROJECT EXPERIENCE

### ONLINE RETAILER SOFTWARE SOLUTION – WAH HING MEAT SHOP

#### FINAL YEAR CAPSTONE PROJECT

- Lead as the *Project Manager* where additional duties included
  - Coordinating team activities within the group as well as with TA's, instructors and sponsor representatives, assigned tasks
  - Ensuring timely and accurate completion of aligned deliverables, assigning tasks, providing updates for all relevant members, mediating group discussions, primary spokesperson for the team, integrating Agile work development process for the team
  - Responsible for ensuring sponsor satisfaction and approval through constant feedback and working alongside sponsor's representative
- Responsible for all back-end systems, integration of API and relevant testing
- Co-developed front-end system by providing all initial designs for application as well as initial site designs prior to additional member renditions
- **Utilized: MongoDB, Express.js, React.js, Node.js, Adobe Photoshop, Docker (hosting), Exploratory and Unit Testing (Jest).**

GitHub: <https://github.com/aashikilangovan/WahHingMeatShopWebsite>

### STREAMIX – HTPC – WEB APPLICATION

#### HUMAN COMPUTER INTERACTION FINAL PROJECT

- Responsible for all front-end designs and development, crafting a visually appealing interface and experience for users.
- Co-developed back-end system and embedded attributes (Spotify Player, YouTube Live Player).
- Used Task-Centered System Design approach to develop application using real user feedback.
- **Utilized: HTML, CSS, JavaScript, Adobe Photoshop & Premiere Pro**

Demo Video: [https://drive.google.com/file/d/1obulxIHucnwatC2aZbM2F7WkeMYh-Ztt/view?usp=drive\\_link](https://drive.google.com/file/d/1obulxIHucnwatC2aZbM2F7WkeMYh-Ztt/view?usp=drive_link)