

SYED FARHAN AHMED

[in LinkedIn](#) | [587-429-2379](tel:587-429-2379) | syedfarhanahmed.vercel.app | syed.ahmed6@ucalgary.ca | [GitHub](#)

Skills

- C++ | Java | Go lang | JavaScript | Dart | C# | PHP | HTML/CSS | Python | SQL | Haskell | Bootstrap | Linux | C-Panel
- React | Node | Express | MongoDB | Tailwind CSS | MySQL | JSON | XML | Spring boot | Flutter | Django | WordPress |
- RESTful APIs | Agile/Scrum | Front-end | UI/UX | Full-Stack | Azure | AWS | Figma | VS Code | IntelliJ | Adobe Lightroom |

Experience

Software Developer Intern Gordian Group Inc Remote, Calgary, CAN 09/2021 – 04/2022

- **Single-handedly developed** the primary product that effectively processed data worth **2-5 million** per project
- Utilized **Python** to refactor source code **improving scalability and design**
- **Developed a proof-of-concept** product in Python using **pandas library**, optimized to quickly process large datasets in excel
- **Presented and communicated** new features in stakeholder meetings
- Produced **technical and user documentation** for the contributed features and maintained source control using Azure

Education

Bachelor of Science University of Calgary Calgary, AB, CAN 09/2018 - 06/2024

- Major in Computer Science with **Science Internship Designation**

Projects

NEXTCITY

- **Designed and developed** a web-application providing a rich **user-centric experience**
- Built Feature to **search a city** and see relevant **weather details, nearby attractions/restaurants** based on **geocoding service**
- **Dynamic background** imagery adapts to **any city** that is available
- Utilized **Tailwind CSS, React and several API endpoints** to curate a modern and responsive experience. Check it out [here!](#)

REVIEWSCORE+ [in progress]

- A **full-stack application** that **leverages user reviews** to gauge **confidence** for YouTube channels focused on product reviews
- Using tech stack: **Java, Spring-boot, React and MongoDB**, check out backend here [Github](#)
- Used **Python automation** and **YouTube API** to generate an **accurate data pipeline** in **JSON**.
- Integrated in spring boot backend, an **API** that generates a **sentiment value** when given a review string body.
- Used **Mongo Template** for **database operations**. Added **asynchronous** background tasks for calculations.

AIRCRAFTS-API

- Utilized **Go** programming language to develop a **RESTful API** with endpoints for managing Aircraft details with **MySQL database integration**. Tested with Postman. [Github](#)

TICTACTOE-AI

- An interactive Windows CLI game of noughts & crosses. Implemented **Minimax algorithm** for the computer player and **optimized tree evaluation** with the implementation of **alpha-beta pruning** in **C** programming language. [Github](#)

PETFINDER (COURSE PROJECT)

- **Collaborated with 4 team members** and to design and develop a **full MERN stack web application** to generate social traffic and help search lost pet.
- Split work utilizing **sprints and agile/scrum methods**. Implemented **JWT authentication** for **React** with login and logout functionalities. Used **Material UI** for a professional and modern user authentication UI/UX. [Github](#)

Others

- Cambridge Advanced Level (Certification)
- UofC Film & Car club
- Upwork Freelance with a 100% success
- Retail/Barista work experience