

SYED FARHAN AHMED

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Skills

- C++ | Java | Go lang | JavaScript | Dart | C# | PHP | HTML/CSS | Python | SQL | GraphQL | 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** monthly
- 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**. Allows users to **search a city** and see relevant weather details and 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!](#)

REVIEWPLUS+ (ongoing)

A **full-stack web application** that leverages user reviews to calculate a **confidence metric** for YouTube channels focused on product reviews. Using tech stack: **Java, Spring Boot, MongoDB, and React**. Used **Python automation**, YouTube API to generate an optimized and **accurate data pipeline**. Implemented **text-processing API** utilizing spring boot features that generates a **sentiment value** when given a review string body. Used **MongoTemplate** for database operations.

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 to design and develop a **full-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. **Full Stack: MongoDB, React, Express, Node**. [Github](#)

Others

- Cambridge Advanced Level (Certification)
- Upwork Freelance with a **100% successful record** for the jobs
- UofC Car club & Film Photography Club