

Syed Farhan Ahmed

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Education

University of Calgary

Bachelor of Science, Computer Science

June 2024

Calgary, Alberta

Experience

The Gordian Group Inc

Software Developer Intern (Co-op)

September 2021 – April 2022

Remote, CA

- Optimized source code in Python to improve product scalability and design
- Managed code source control, documentation and security using Azure devops
- Developed a proof of concept for a product using Python with pandas library
- Presented and communicated new features to stakeholders in meetings
- Developed new data analytics features using Python libraries for the production product
- Utilized Natural Language Processing (NLP) to preprocess data for ongoing projects
- Produced technical and user documentation for the contributed features

Upwork

2017-2018

Freelance

- Discussed requirements with clients thoroughly and completed projects utilizing WordPress, C-Panel/Hosting and HTML/CSS. I was rehired and received 100% satisfaction feedback from clients

Projects

Traveller's Weather | *React, tailwind css, RapidAPI, Unsplash API, Vercel, Vite*

[Demo](#) [Github](#)

- Developed and designed "Traveller's Weather," a user-friendly web application that provides precise weather details and nearby trending restaurant or attractions for the searched location/city.
- Implemented a clean and user-friendly interface with dynamic background imagery that adapts to searched location and styled using Tailwind CSS for a responsive and modern design
- Utilized react hooks, async to retrieve data from APIs and conditionally render components

Portfolio Website

- Utilized React, tailwind CSS to create a portfolio website (Desktop-first).
- Used Framer motion to incorporate smooth transitions where applicable

[Link](#)

Aircrafts RESTful API | *MySQL, Go, Postman*

[Github](#)

- Used Go for the first time to build a Restful API with MySQL database integration
- Used SQL queries for CRUD operations into the database and tested endpoints with Postman

Minimax TicTacToe | *C programming Language*

[Github](#)

- Built Windows CLI interactive computer vs player game, optimized minimax algorithm for computer with alpha-beta pruning that resulted in significant reduction in time during tree evaluation

Pet Finder (Course Project) | *React, Mongo, Express, Node, Material UI*

[Github](#)

- Implemented JWT authentication for user-end in React with login and logout functionality with modern UI using Material UI
- Worked closely with team members to design and plan scope of project and run sprints

Skills

Languages: C++, Java, Go, JavaScript, Python, SQL, C#, C, Dart, PHP, HTML/CSS

Technologies: Django, Flutter, React, Node.js, Express, Tailwind CSS, MongoDB, MySQL, Azure, JSON, XML, AWS, ASP.NET Postman, GraphQL, WordPress, MySQL Workbench, RESTful API, Bootstrap, SEO, Figma

Others: MS Office, Adobe Lightroom, Linux, Visual Studio IDE, VS Code, PyCharm