

Syed Farhan Ahmed

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EDUCATION

BSc. Computer Science With Science Internship Designation

Calgary, AB | Jun 2024

UNIVERSITY OF CALGARY

Relevant Coursework: Web-based Systems; Software Engineering; Human-Computer Interaction; Computer Networking; Databases; Data Structures and Algorithms

SKILLS

Languages: JavaScript/TypeScript, Python, Java, C#, SQL, Go

Technologies: Adobe Photoshop, Figma, React, Node, Redux, ASP.NET, Django, Spring Boot, TailwindCSS, Bootstrap

Developer Tools: Git, AWS, VS Code, Vercel, Firebase, yarn, npm

Certifications: Angular Essential Training (LinkedIn), Cybersecurity Foundations (LinkedIn)

WORK EXPERIENCE

GORDIAN | SOFTWARE DEVELOPER INTERN

Vancouver, BC | Sep 2021 – April 2022

- Developed and managed a **Python desktop application**, processing over **\$25 million USD** worth of facilities data annually.
- Reduced codebase by 46%** through effective refactoring, **increasing readability and scalability of software**.
- Improved software processing capability by 23%** through developing **custom data processing features** utilizing NumPy and Pandas libraries.
- Created an internal tool** to improve data integrity prior to final client-project delivery.
- Identified and resolved 17+ bugs** across 3 stable versions of software release through effective testing methods.
- Streamlined technical and user documentation** to ensure clarity, accessibility, and ease of use for both technical staff and end-users.
- Provided technical support to cross-functional team members** through detailed software demonstrations and proactively answering inquiries.

PROJECTS

MY PORTFOLIO

REACT, JAVASCRIPT, TAILWINDCSS

Portfolio site designed using React and TailwindCSS.

NOTESNOW

REACT, TYPESCRIPT, TAILWINDCSS, DYNAMODB, AWS

A full-stack application, allowing users to take notes and tag them with markers. Developing a RESTful micro-service backend on the cloud. Work in progress.

ASSIGNMENT TRACKER

.NET, BOOTSTRAP, MS SQL SERVER

An interactive assignment tracker application with easy to navigate user-interface with CRUD functionalities.

NEXTCITY

REACT, JAVASCRIPT, TAILWINDCSS

A dynamic React weather application that allows users to search for weather information and retrieve nearby restaurants, including dynamic imagery for any city.

INTERACTIVE DESIGN HCI PROJECTS

JAVASCRIPT, HTML/CSS, GLITCH

Collaborated in a team of 4 to explore user-centered application designs, **played a pivotal role in influencing design decisions**. All projects can be found in the embedded link.

AI TICTACTOE

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A windows command line tictactoe game with minimax algorithm implementation for the computer player.

BULK BUDDIES

REACT, FLASK, TAILWINDCSS

Collaborated in a team of four to develop a full-stack application for food waste management. Contributed to the design of the user interface and its implementation in Figma..