Syed Farhan Ahmed

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Education

University of Calgary
Spring 2024

BACHELOR OF SCIENCE IN COMPUTER SCIENCE with **Science Internship Designation**
- *Activities*: Science Mentorship Program, Computer Science Undergraduate Society (CSUS)
- *Relevant Coursework*: Data Structures and Algorithms, Computing Machinery 1 and 2, Human-computer Interaction, Computer Networking, Principles of Operating Systems, Information theory and security

Experience

GORDIAN
September 2021 – April 2022

SOFTWARE DEVELOPER INTERN

- **Single-handedly developed** the primary product that effectively processed data worth **30 million USD** annually.
- Refactored source code, resulting in enhanced **scalability** and **improved design** delivering an improved user experience.
- Implemented new **data analytics** features using Python libraries for the production product.
- Developed a **proof-of-concept** product in **Python** utilizing **pandas** library, **achieved efficient and quick data** processing times.
- **Presented and communicated** new features in stakeholder meetings.
- Produced **technical and user documentation** for the contributed features.
- Utilized **Natural Language Processing (NLP)** to preprocess data for ongoing projects.

UPWORK
2017

FREELANCE WORDPRESS DEVELOPER
- Achieved **100%** job success rate on my Upwork profile,
- Discussed project requirements with clients in detail, helped clients navigate web hosting seamlessly and got **rehired** multiple times.
- Developed **template designs** utilizing several themes to demonstrate draft ideas and designs to clients for a variety of industries.

Projects

CITYSCAPE EATS & WEATHER| React, Tailwind CSS, Rapid API
https://github.com/nkouki98/weatherreact | Live

- A web application that allows users to search cities and look at latest weather updates and nearby restaurants.
- Implemented a **dynamic background imagery** feature that seamlessly adapts to various cities and displays the city's top restaurants.
- Implemented **UI/UX** features like searching city, reload icons, navigation, and imagery to provide a rich **user-centric** experience.

REVIEWSCORE+ | Spring boot, Java
https://github.com/nkouki98/ReviewScoreplus

- **RESTful API** in **Spring boot & Java** backend that leverages user reviews to **build confidence** for tech YouTube channels.
- Employed **Python automation** to generate an accurate **JSON data pipeline** of tech review YouTube channels.
- Integrated **Natural Language Processing (NLP)** API to compute a sentiment value for each user review generated.
- Implemented **background task** to calculate each channels overall confidence measure periodically.

AIRCRAFTS MANAGEMENT | Go, MySQL
https://github.com/nkouki98/Go-RestfulAPI

- An aircraft management **Restful API** service for users to create and manage airplanes/aircrafts. Utilized **MySQL** database for CRUD operations.

BULKBUDDIES [HACKATHON – HACK THE CHANGE 2023]
https://github.com/nkouki98/HackTheChange2023_Bulk

- Collaborated with a team of 4 to come up with an effective solution to reduce food waste from bulk grocery purchases in 24 hours.
- Utilized **Figma** to ideate designs and transformed designs to full-stack application utilizing **Flask, React, Tailwind CSS and dB SQLite.**
- Contributed with the **development of a core feature called "Catalog"** that handles user reservation of food items with interactive user-interface and integrated Front end with back end.

Skills

Languages & Frameworks:	HTML/CSS, Javascript/Typescript, React, Node, Python, Django, Tailwind CSS, PHP, WordPress CMS, Spring boot
Developer Tools	Vite, Git, Visual Studio & Code, Vercel, AWS Lambda, Azure, Github, IDEA IDEs, Snowflake
Databases	MongoDB, MySQL, dB SQLite