

Jinil Panawala

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Summary of Qualifications

Languages

- Experienced in Python, Bash, C, C#, Racket, and versed in Java, C++, SQL, JavaScript, HTML, and CSS

Technologies, Libraries, and Frameworks

- Linux, Bash, Git, React, Zsh, shell scripting, Tkinter/CustomTkinter, VS Code, and MS Office Suite.
- Familiar with various AWS services and technologies through studying for the AWS Certified Cloud Practitioner Exam.

Additional Skills

- Strong communication and collaboration skills developed through work and volunteer experiences.
- Ability to work effectively and cooperatively with others in a team setting to meet workplace goals and standards.
- Quick learner that can perform effectively in fast-paced, high-stress environments.

Work Experience

Tim Hortons

Mississauga, ON

Storefront Worker

Sept 2021 - May 2022

- Coordinated and worked in a team environment to efficiently and accurately complete orders by preparing hot and cold beverages to achieve customer satisfaction.
- Communicated frequently with customers by the front counter and drive-thru by quickly and accurately taking orders as well as assisting with any special requests.
- Performed effectively in a fast-paced, high-stress environment by quickly learning various workplace duties and becoming accustomed to new products/processes to ensure smooth workplace operations.

Projects

Twitter Sentiment Bot

Social Media Bot

- Developed a Twitter bot in **Python** that can tweet, follow, like tweets and conduct sentiment analysis using the **Twitter API**.
- Implemented functions that carry out common natural language processing (**NLP**) tasks such as conducting sentiment analysis of tweets with up to **70%** accuracy using the Python library **TextBlob** to analyze polarity and subjectivity of a tweet.
- Incorporated the ability to export tweets and their sentiment analysis in a **CSV** file for future work and analysis.

Weather App

Desktop Application

- Developed a desktop application allowing users to search weather data (i.e., current weather, hourly forecast, daily forecast) for any inputted city in the world using **Python**.
- Designed a modern and customizable GUI using **CustomTkinter**, which is based on the **Tkinter** library in Python, to display weather information neatly to the user.
- Incorporated the use of an **API** (from weatherapi.com) to retrieve relevant weather-related data from its **JSON** format to be used in the application.

Transaction Tracker

Income/Expense Tracker

- Developed a **Python** program that categorizes up to 10 unique types of transactions and lists all monthly bank account transactions in a google sheet to track income and expenses for personal finance and budgeting purposes.
- Incorporated the use of **gspread** (Python API) to write out each transaction from the given bank **CSV** file into the appropriate spreadsheet as well as categorizing certain reoccurring transactions.
- Automated the process by creating a **Zsh shell script** to allow the program to run directly from the command line interface, thus improving program ease of use.

Education

University of Waterloo

Waterloo, ON

Candidate for Bachelor of Computer Science (BCS)

Present - Apr 2027

- Anticipated Graduation: April 2027
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Tools and Technology for Software Development.