Jinil Panawala

(647) - 765 – 5039 | jpanawal@uwaterloo.ca | github.com/jinil-panawala | linkedin.com/in/jinil-panawala | https://jinil-panawala.netlify.app

Technical Skills

Languages: Python, JavaScript, TypeScript, C/C++, C#, Java, HTML, CSS, Bash, SQL
Libraries and Frameworks: React, Node.js, Express, Bootstrap, Tailwind, jQuery, Tkinter/CustomTkinter, JUnit
Tools and Technologies: Linux, Git, SVN, AWS, MongoDB, PostgreSQL, GDB, Talend, Hadoop, VS Code, MS Office Suite
Certifications: AWS Certified Cloud Practitioner

Work Experience

Rich Media   *Toronto, ON*
Jr. Web Programmer   *Jan 2024 – Apr 2024*

- Entrusted with the development of various critical features and updates to web applications serving clients in the financial industry, employing **JavaScript**, HTML, CSS, and **jQuery**. Delivered solutions that garnered client satisfaction and drove revenue growth for the company.
- Spearheaded the implementation of mortgage insurance partial coverage options for **4** separate tools, enabling both the public users and client internal employees to calculate mortgage insurance payments and view detailed results.
- Developed responsive quiz and poll components for the company website by leveraging **React**, **TypeScript**, and the company API, while playing a vital role in the ongoing website migration efforts to React.

Tech Mahindra   *Toronto, ON*
Jr. Software Engineer   *May 2023 – Aug 2023*

- Created **Talend** jobs in Talend Open Studio for Data Integration to validate files and integrating custom **Java** code to manage complex tasks as part of a migration project for a client in the BFSI industry.
- Participated in the **SDLC** while following **Agile** and **SCRUM** methodologies and collaborated with my team during daily progress update and design meetings. Gained knowledge on **ETL** patterns, data warehousing, and big data concepts.

Projects

Personal Portfolio Website ‖ React, Tailwind CSS, Git, Netlify

- Developed a responsive, optimized (mobile and desktop), and user-friendly personal portfolio website from scratch using **React** and **Tailwind CSS** to showcase my projects and experience.
- Incorporated the use of **Git** for version control and deployed the website on **Netlify** for seamless continuous deployment.

Stock Watchlist ‖ React, Express, Node.js, MongoDB Atlas, AWS EC2, Bootstrap

- Designed and developed a full stack stock watchlist **MERN** app implementing CRUD operations, featuring a search functionality for over **70,000** stocks, data visualization, saving stocks to a watchlist, and being mobile-optimized.
- Incorporated React and Bootstrap for the frontend, coupled with Express and Node for the backend implementation and creating **RESTful** APIs. **MongoDB** Atlas served as the database for storing users' saved stocks.
- Deployed and publicly hosted on an **AWS EC2** Ubuntu instance, utilizing PM2 and Nginx for efficient management.

Twitter Sentiment Bot ‖ Python, Twitter API, TextBlob

- 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 and exporting the analysis in a **CSV** file for future work and analysis.
- Utilized the **TextBlob** library to analyze the polarity and subjectivity of a tweet when conducting sentiment analysis.

Transaction Tracker ‖ Python, gspread, Zsh shell scripting

- 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 CLI, thus improving program ease of use.

Education

University of Waterloo   *Waterloo, ON*
Candidate for Bachelor of Computer Science (BCS)   *September 2022 – Apr 2027*

- Relevant Courses: Data Structures, Object-Oriented Software Development, Computer Organization and Design