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TECHNICAL SKILLS

Languages: Python, Java, Javascript, Typescript, HTML/CSS, SQL, Swift, PHP, C/C++, Bash
Frameworks: React, Node.js, Express.js, Angular, Laravel, Spring, Selenium
Data Analysis: R, MATLAB, Numpy, Pandas, Keras, Scikit-Learn, Tensorflow, Apache Airflow, PivotTable
Tools: Docker, AWS, GCP, PostgreSQL, Oracle Database 19c, MongoDB, Firebase, Git, Jira

EXPERIENCE

Software Engineer - Investfly

January 2023 - April 2024

- Integrated real-time stock market feeds, trading functionalities, and user data via RESTful APIs using Node.js, Express.js and PostgreSQL, enabling users to view live stock quotes, execute trades, and manage user portfolios effectively.
- Implemented algorithmic trading strategies with Python, utilizing libraries such as Pandas and NumPy to process large datasets and execute trades based on real-time market data.
- Deployed web applications to AWS, utilizing services like AWS EC2 and S3 for hosting and storage respectively.
- Built comprehensive stock history views in React, featuring interactive charts, historical price data, and performance metrics, enabling users to conduct in-depth stock analysis across 2,500+ stocks.

iOS Developer Intern - Toronto Metropolitan University

May 2022 - September 2022

- Spearheaded the development of a robust rewards system application for iOS, employing the MVVM architecture pattern for enhanced scalability and maintainability.
- Guaranteed efficient data storage and retrieval for user profiles, transactions, and reward history through the utilization of Google Cloud Platform (GCP) and MongoDB.
- Utilized XCode and Storyboard to enhance user experience within the app, while using the Alamofire and Firebase libraries in Swift to ensure seamless integration with the database.

Software Engineer Intern - BMO Financial Group

September 2021 - April 2022

- Automated the extraction of JSON file details and integration into Word templates using Java and Aspose API, reducing manual workload by over 80%.
- Updated and tested procedures for REST API endpoints for financial information and account data using Spring, Postman, and Unit Tests to ensure functionality and reliability, improving the accuracy of 100+ API endpoints.

Software Engineer Intern - Verdure Digital

May 2021 - September 2021

- Developed a Python script capable of retrieving over 10,000 SKUs inventory data daily and exporting it to a file format of the user's choosing, serving as a point of reference for various companies and saving 10+ hours of manual work weekly.
- Configured an SFTP server on Google Cloud Platform to host scripts and run automated Selenium tasks, enabling 6 different Shopify storefronts to automatically pull relevant inventory data directly from our server.

EDUCATION

Toronto Metropolitan University

September 2018 - June 2023

BSc. Computer Science (Hons.) & Mathematics Minor, 3.7 GPA

Coursework: Machine Learning, Database Systems, Algorithms, Data Structures, Networks & Security, Probability & Statistics

Projects

Bank Marketing Classification - Python, Pandas, Scikit-Learn, Matplotlib

- Developed a K-means clustering model in Python utilizing Scikit-Learn to analyze a Bank Marketing dataset to gauge the likelihood of a client subscribing to their product. Used Pandas to preprocess and transform the data, and used Matplotlib to visualize the results. Compiled findings onto a detailed two-page report

Pickup N Play - iOS and Android Development, React Native, Expo, TypeScript, Google Firebase,

- Developed a cross-platform mobile app using React Native, Expo and Typescript for iOS and Android, allowing users to find and filter drop-in sports sessions by sport, location, and skill level. Utilized Google Firebase services such as Firestore and Firebase Authentication to handle data storage and authentication.