

# Aayush Regmi

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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

**Tools:** Docker, AWS, GCP, PostgreSQL, Oracle Database 19c, MongoDB, Firebase, Jenkins, Git, Jira

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## EXPERIENCE

### Full Stack Developer - 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.
- Deployed web applications to AWS, utilizing services like AWS EC2 and S3 for hosting and storage respectively.
- Implemented CI/CD pipelines using Jenkins and GitLab CI/CD, including automated unit tests, integration tests, and deployment scripts, resulting in a faster time-to-market and a reduction in deployment errors.
- 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.
- Contributed to migrating over 50 web pages to Angular 10 from outdated versions, updating over 10% of the existing codebase, and significantly improving both performance and security.

### 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.

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## 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*

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## Projects

### 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.

### Online Pickup and Delivery - HTML/CSS, Javascript, Laravel, AngularJS, MySQL, Docker, Google Maps API

- A dockerized web app created using HTML, Javascript, and AngularJS for the frontend to simulate a pickup/delivery service using the Google Maps API to determine store and user location data, with all information being stored in MySQL servers using Oracle Database 19c, alongside Laravel to handle backend communications.