Supreet Singh Dhillon

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Technical Skills

Languages/Database: JavaScript, TypeScript, C++, C, Java, Python, SQL, MATLAB, Kotlin
Technologies: React, Selenium, MS SQL, Figma, Flutter, WordPress, Django Superset, Firebase
Developer Tools: Git, JIRA, Docker, Android Studio, VS Code, Visual Studio, IntelliJ, JetBrains

Experience

Software Developer Intern   **Jan 2023 – Present**
Geotab

- Contributed to agile development processes, participating in the design and implementation of new and existing features for vehicle tracking using the Geotab Go Device, resulting in improved user experience, functionality and performance.
- Developing and maintaining automated Selenium tests for new and existing features. Improved efficiency and reliability of 20+ tests.
- Independently worked on a Superset project involving 100,000+ data points to generate valuable insights and quantitative analysis pertaining to how customers utilized a particular feature of the web app.

Office Administrator   **Nov 2020 – Dec 2022**
MG Transport

- Facilitated the smooth pickup and delivery of multiple shipments across the US and Canada daily, while efficiently handling customs paperwork for 10+ trucks.
- Monitored and kept the company's trucking software and email services up to date by routinely checking for updates and fixing any problems that continue to be experienced by the staff.
- Communicated with more than 10 customers every day regarding invoices, delivery, and pickup appointments.

Projects

Hanger - Android App | *Kotlin, Firebase, Android Studio*   **Sep 2022 – Dec 2022**

- In a team of 5, we developed an Agile Android app using Kotlin, Android Studio, and Firebase for renting clothes and efficiently managed code changes with Git.
- Implemented an integrated messaging system within the app, enabling seamless communication between sellers and renters.
- Managed the full agile project life cycle, from concept to development stage, covering system design, coding, and rigorous testing protocols.

Cradle Web Application | *Full Stack - TypeScript, JavaScript React, Python, Django, Jest*   **May 2022 – Aug 2022**

- Participated in the development of a web application called "Cradle" tailored for the country of Uganda to store health records online including setting up online visits to the doctors, hospitals and personal information of the patients.
- Fixed 10+ User Interface issues and implemented new features in the front end thereby improving user experience and functionality.
- Setup front-end testing in JavaScript using the Jest Framework to ensure reliable and robust testing of the user interface components and functionalities.

SQL Election Database | *MS SQL, Relational Database*   **Oct 2021 – Dec 2021**

- Developed a comprehensive SQL database for the Canadian federal election, storing data on 20 parties, 338 ridings, candidates, votes, and more, facilitating advanced data analysis.
- Implemented a feature-rich SQL database with keys, constraints, triggers, and stored procedures, hence boosting data integrity and query performance.
- The database also calculated party-wise seat projections for the elections using custom stored procedures.

Practical Parent - Android App | *Java, Android Studio*   **Oct 2021 – Dec 2021**

- In a team of 4 students, utilized Agile software development methods to create a parenting support app in Android Studio using Java.
- Throughout this collaborative project, team members took on distinct roles, including Scrum Master, Repo Manager, Team Member, and Product Owner, with rotations every two weeks.
- To ensure smooth teamwork, GitLab served as our go-to platform for seamless collaboration and version control.

Education

Simon Fraser University, Burnaby BC   **Exccepted Graduation – Aug 2024**
B.Sc. in Computing Science