Aman Preet Singh

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SKILLS

LANGUAGES & TOOLS: Java, JavaScript, Python, C++, GIT, R, SQL, NoSQL, Selenium
CLOUD STACK: User Experience Design, Typescript, React, Redux, PHP, Node JS, Django, HTML, CSS
CONCEPTS: Restful APIs, Data Structure, Algorithms, Analysis, Object-Oriented Programming (OOP), Unit Testing, Optimization, Software Development Life Cycle (SDLC) – Agile, Waterfall.

EDUCATION

UNIVERSITY OF MANITOBA | Winnipeg, MB
Bachelor of Science | Computer Science - Major | Mathematics - Minor

WORK EXPERIENCE

Full-Stack Developer | *Abacus Analysis* | Winnipeg, MB   OCT 2022 - APR 2023

- Developed and maintained the company's website using a variety of technologies, including JavaScript, TypeScript, React, Redux, Node.js, HTML, and CSS.

- Implemented RESTful APIs to enable communication between front-end and back-end components.

- Worked with NoSQL databases to store and retrieve data as needed for the application.

Data Science Intern | *Data Glacier* | Winnipeg, MB   MAY 2022 - SEPT 2022

- Serialized Python Regression models using Pickle to transport data over the network effectively.

- Refined client database using preprocessing to maximize accuracy of Machine learning models.

PROJECTS

Mobile Application - React Native - Javascript - Bootstrap - NoSQL - Web Scraping - Git - RESTful API

- Designed a mobile app with React native framework with 40+ current users on Google Play Store and 5 star rating.

Github Issue Prediction - Python - Pandas - Keras - Scikit learn - kernels - Git - Machine Learning - Json

- For an issue posted on GitHub our machine learning model predicts whether that issue is a bug, or a feature, or a question based on the title and body of that issue.

Fitness Trainer - Java - Hyper SQL - OOP - JUnit - Agile - Debugging - XML - Android

- Android application for users to learn and record fitness routines. Used a Microsoft SQL server to integrate the user database.

- Implemented automated and unit testing to ensure proper functionality.

LinkedIn Application Automation - Python - Selenium - Beautiful Soup - Flask API - Web Scraping

- Developed Python Scripts to Automate the Application process on LinkedIn with Easy-Apply feature.