

Daniel Zhang

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Summary

- Rich knowledge and experience in Computer Science (Windows, Linux, C++, C, C#, Javascript, Java)
- Academic foundation in accounting and financial management, always got excellent results in corporate finance and accounting courses, also started self-learning CFA courses
- Worked independently as well as within a team, a quick-learner and problem solver

Technical Skills

Languages: C++, C, C#, Javascript, Java, Python, VBA, SQL

Technologies: Microsoft Office Suite, LimeSurvey, Crystal Reports, JIRA, JTMF, Selenium, React

Experience

Full Stack Software Developer

Plutaro

Sep 2024 - Feb 2025

- Developed dynamic and responsive front-end web applications using JavaScript, React, and Firebase
- Implemented and optimized backend functionality using Firebase Cloud Functions to handle queries and integrate with front-end components

Backend Software Developer

SmileCDR Healthcare Inc

Jan 2023 - Apr 2023, July 2024 - Aug 2024

- Used Java with Spring to automate checks on patient records for the Prior Authorization process
- Implemented validation checks on record submission and inquiry processes
- Utilized Insomnia and Postman to retrieve and edit patient records on the company's server's database

Business Analyst

Government of Canada - Finance Department

Sep 2023 - Dec 2023

- Designed and implemented various types of reporting forms for different kinds of transaction requirements
- Constructed an AI for generating report scenarios and presented ideas of incorporating AI in the future

Frontend Software Developer

Convergence Health

Feb 2022 - Aug 2022

- Used AngularJS, HTML and CSS to integrate a login page with JWT Authentication for healthcare website
- Fixed build and updated dependencies of front-end using Maven and Node.js, and deployed it to test server
- Implemented dynamic alerts on the website for patients

Software Quality Engineer

TD Bank

May 2022 - Aug 2022

- Utilized Selenium with Java to create automated test cases for website navigation and field input/validation
- Used JIRA and JTMF to organize test cases and ensure a smooth workflow with the team
- Developed an Excel macro that takes in test data and creates graphs in a JIRA Dashboard interface

Programmer/Business Project Officer

Immigration, Refugees and Citizenship Canada

Sep 2021 - Jan 2022

- Programmed using VBA to create and edit existing macros to create automatic task trackers
- Integrated MS Visio to edit and group a flowchart of the immigration process into sections
- Used SQL to manipulate data in SQL Server database and generate reports based on results
- Worked with AWS Components of EC2, S3 and Cloudwatch to deploy apps to the cloud

Education

University of Waterloo | Honors Bachelor of Computing and Financial Management | GPA: 3.3 | 2019 - 2024