Joshua Oh

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University of Waterloo
Bachelor of Computer Science (Sep 2017 - Dec 2022)

SKILLS

Languages	SQL, Go, VBA, JavaScript, HTML, CSS, Python, Java, Bash, TypeScript
Frameworks	Vue.js, Express.js, Fiber (Go), Casbin, Bootstrap
Tools	Node.js, Salesforce, Excel, Git, Jira, Unix Shell
Field Knowledge	Relational Database Management, User Experience, Agile, Test Planning, Unit Testing, Regression Testing, Test Automation

EXPERIENCE

Full Stack Developer 09/2021 – 04/2022
Royal Canadian Air Force Kitchener, ON

- Developed a web-based aircraft maintenance management system to replace outdated tools.
- Designed front and back-end components of the maintenance project from demo stage to live use.
- Conducted interviews with users to identify project needs and solutions.
- Built web pages using Bootstrap and Go templating.
- Implemented a Go-based backend, including database management, routing, and access control.

Developer 01/2021 – 04/2021
Rodan Energy Solutions Mississauga, ON

- Developed internal Excel tools (with VBA) that are now used to automate processes across the company.
- Built a mass energy analysis Excel tool that enabled the timely acquisition of 170 facility contracts.
- Conducted interviews with clients to achieve effective software solutions.
- Configured Salesforce platform layouts and processes.

Software Engineer 09/2019 – 12/2019
Manulife Kitchener, ON

- Completed unit testing on two Salesforce codebases in half the budgeted time.
- Planned and implemented the merging of two large Salesforce databases.
- Extended a TypeScript/GraphQL Salesforce API.
- Worked in an Agile team and completed a certificate course in Agile methodology, including Scrum and Kanban.

Quality Assurance Specialist 01/2019 – 04/2019
Economical Insurance Kitchener, ON

- Built an Excel tool that automated the analysis of company projects (assignment of employees, task progress) using Jira data.
- Designed test scenarios and test cases for insurance policymaking and billing software.
- Wrote automated regression test scripts.