CHRISTOPHER MCDONALD

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Executive Summary

Currently building something at great at Sherpa° to enable people to move freely — I am passionate about team dynamics, building robust and transparent software, and business strategy.

Technical Skills

Typescript, Node.js, SQL, NoSQL, Bash, C# CI/CD (Gitlab, Azure DevOps), AWS, Kubernetes/OCP, Docker, NoSQL (MongoDB), SASS/CSS, GCP, Terraform, Firebase

Work Experience

Senior Software Engineer & TPM, Sherpa°   July '21 - Current

Enabling people to move freely through simplifying and automating visa fulfillment, as well as:

- Fulfilled tens of thousands of monthly product orders through complex fulfillment automation
- Developed frameworks, tools, monitoring and processes to support a fulfillment automation pipeline supporting a wide range of products
- Defined, pitched and orchestrated team processes and philosophies which was replicated through the organization
- Created and participated in the first on-call initiative process to stabilize product development and maintain stability throughout the company

Senior Software Developer, Konrad Group   Oct '19 - July '21

Worked on various projects during all stages of the project lifecycle, as well as:

- Build scripts and CI/CD pipelines to automate development and ensure code quality
- Collaborate with client and coworkers on product requirements, design and strategy
- Contribute to internal project libraries to serve as templates for future projects
- Present demos and technologies to internal employees
- Design and architect software solutions that are maintainable, scalable and secure

Software Engineer, Microsoft   June '18 - Oct '19

Worked on the Commerce team, developing full-stack programs, as well as:

- Responsible for developing and testing web APIs and background jobs
- Evaluate requirements, estimate development costs, design and implement software
- Review the design and implementation of software, perform unit testing, communicate status, analyze risks and compromises, and integrate software into a larger system

Education

McMaster University, Software Engineering & Management   Class of 2018

- Participated in DeltaHacks II (hackathon), McMaster Programming Competition 2015, McMaster Engineer Competition 2015 & 2016

Certifications

- AWS Certified Solutions Architect - Associate (SAA - CO1) - Issued June 2020