

## Summary

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Full-Stack Developer with **2+ years of industry experience** developing enterprise-scale software.

## Skills

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**Programming Languages:** Python, JavaScript, Java, C#, C++

**DBs:** DynamoDB, SQLServer, Postgres

**Cloud Platforms:** AWS, GCP, Cloud Foundry, OpenStack

**DevOps:** Jenkins, Docker, K8s (basics)

**Other:** ReactJS, NextJS, Bash, Linux

**ML/DL:** Pandas, Numpy, PyTorch, Keras etc.

## Experience

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### SAP Concur Travel Profile, Vancouver, Canada | Software Engineer

August 2021-Present

- Architected and developed a highly scalable profile edit tracking system, which **enabled a lowered request response times that was ~20% of the original**.
- Designed a mechanism to off-load read/write traffic from a SQL Server to DynamoDB while ensuring eventually consistency between them, enabling a gradual migration of DB.
- Re-implemented a VBS based legacy system and integrated it into a cloud based microservice (NestJS + TS).
- Developed solutions to assist with cross-region migration of several microservices.

### SAP LX Labs, Vancouver, Canada | Cloud Platform Services Developer

May 2019 – July 2021

- Designed the architecture & drove the development of a microservice (NodeJS+Typescript, Kubernetes) to detect translatability issues in the product UI, saving **~20-25 mins of employee time/issue**.
- Spearheaded the development of automated checks for insensitive terms (NodeJS+Typescript), **lowering the risk of such terms making to production by ~70-80%**.
- Pioneered the development of several automation features **saving users ~1.25 hours/day**.

### Think Muse Media Ltd., Surrey, Canada | Full-Stack Developer

Jan 2019-Apr 2019

- Designed and developed a CRM system (FileMaker + Python) to automate 60-70% of the client's 10-step ordering & invoicing process and **cut the operational cost by 20%**.
- Lead the development of websites like [AlwaysAndForeverWeddings.ca](http://AlwaysAndForeverWeddings.ca), [AdelaideDesign.ca](http://AdelaideDesign.ca), [ThinkMuse.ca](http://ThinkMuse.ca).

### SAP LX Labs, Vancouver, Canada | Software Developer (Coop)

May 2018-Dec 2018

- Piloted the design and development of a new secure file replication service **that reduced transfer latency from 6+ hours to 5-10 mins**.
- Developed new features for Project Management System (C# + Java + JS) used at the organizational level.

## Education

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### Bachelors of Computing Science | University of the Fraser Valley

Jan 2017 – Jan 2022

- Concentration in Artificial Intelligence and Data Mining ~ **Major GPA: 4.33/4.33 -- Overall GPA: 4.28/4.33**
- UFV Academic Scholarship, Int'l Students Endowment Scholarship, Int'l Student Academic Excellence Award

## Other Achievements

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**Winner - SAP iXp Hackathon Fall 2018:** Developed an intelligent enterprise skill-sharing social platform.

**Runner Up - SAP iXp Hackathon Summer 2019:** Developed a style assistant app for a reputed clothing brand.

**Runner Up - SAP iXp Hackathon Summer 2018:** Developed a video analysis tool to analyze drone footage.