

Summary

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

Skills

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

DBs: Postgres, SQLServer

Cloud Platforms: Cloud Foundry, OpenStack, AWS, GCP

DevOps: Jenkins, Docker, K8s (basics)

Other: React, HTML, CSS, Sass, jQuery, Bash, Linux, macOS

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

Experience

SAP Concur Travel Profile, Vancouver, Canada | Software Engineer

August 2021-Present

- Architected and developed a highly scalable, cross-availability zone profile edit tracking system (AWS) to **support higher throughput and lower latency by ~10 times.**
- Designed a mechanism to off-load read/write traffic from a SQL Server to DynamoDB while keeping both databases synchronized eventually and allowing for a gradual migration without disruption of services.
- Redesigned 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, AdelaideDesign.ca, 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

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

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.