Arshdeep Sekhon

🏠 Abbotsford, BC, Canada

🌐 arshsekhon.com   ✉ arshs3khon@gmail.com   in arsh-sekhon   🐙 arshsekhon

Summary

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

Skills

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

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 by ~80% 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, 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.