



CEM KASPI

 (778) 839-6610

in [linkedin.com/in/cemkaspi](https://www.linkedin.com/in/cemkaspi)

 cem.kaspi97@gmail.com

 Vancouver, BC

Summary

Highly skilled software development professional bringing in-demand talents for software design, development and integration. An innovator with a proven track record in delivering products into production using cutting edge AI tools.

Strengths

- JavaScript, Python, SQL, C/C++, HTML, Appian, VertexAI, Azure, GCP, Turbopuffer, Splunk, JupyterLab, JIRA, Slack
- Microservices, Code Review and Refactoring, API Integration, Machine Learning, Bilingual in English and Turkish
- Creative problem solver, effective communicator and collaborator, strong leader and product owner, adaptable, detail-oriented

Experience

TELUS Communications Inc. - 2 yrs 11 mos

Software Developer - Vancouver, BC

01/2022 - Current

- Led the end-to-end design and development of TELUS' first-ever GenAI-powered Google Chat assistant, spearheading the project from PoC to production and playing a pivotal role in achieving \$6.5M annual OPEX savings in automations as a team through improved productivity and workforce optimization utilizing JavaScript, Appian and GCP.
- Secured 1st and 2nd place in an organization-wide Innovation Challenge among 73 ideas, obtaining \$60K in funding for two AI/ML projects focused on predictive maintenance and network optimization using SQL, BigQuery and VertexAI, generating \$572K in annual OPEX and energy cost savings while presenting project results to C-suite executives and VPs.
- Co-primed an AI/ML project, developing a computer vision model with Python in JupyterLab detecting humans for search and rescue purposes at 80% accuracy providing TELUS \$630K additional annual revenue as a potential marketable product.
- Developed custom knowledge bases for cross-functional teams leveraging Azure's vector database, providing real-time support to 1,000+ team members, enhancing service quality and customer satisfaction by facilitating access to guidelines.
- Streamlined routine internal processes, connecting multiple APIs using the latest GenAI capabilities of Azure and GCP, leading to a reduction of 250 onshore field technicians and insourcing of previously outsourced work.
- Championed TELUS' advancements in the AI field, presenting project updates to senior leadership including SVPs, VPs, and Directors, mentoring new team members and teaching external teams how to create their own custom assistants.

NeoWise - 1 yr 8 mos

Co-Founder - Vancouver, BC

09/2019 - 05/2021

- Co-founded a tech startup developing a wearable thermal device with adjustable heating and cooling features.
- Led the design and development of a prototype from concept to MVP, overseeing product R&D, hardware design, and supplier negotiations, regulating local skin temperatures by (+/-) 5 degrees Celsius.
- Secured admission into Entrepreneurship@UBC's CORE Incubator program, pitching to potential investors and mentors, gaining insights into customer discovery and market validation.

Mercedes-Benz Canada Inc. - 1 yr 7 mos

Manufacturing Engineer Co-Op - Burnaby, BC

01/2018 - 08/2019

- Collaborated with a team of 50 multidisciplinary engineers at the Mercedes-Benz Fuel Cell Division's manufacturing plant.
- Led data-driven initiatives that reduced material scrap loss by over \$100,000/year and increased production yields by 3% through statistical analysis using Excel macros and Minitab.
- Improved production station efficiency by 25%, implementing Lean Six Sigma techniques in a value stream mapping project.
- Provided regular data analysis reports and trend illustrations, facilitating decision-making for managers and the team.

Education

Bachelor of Applied Science in Electrical Engineering (BASc)

09/2015 - 05/2021

University of British Columbia - Vancouver, BC

- Minor in Entrepreneurship
- Dean's List, 2019-2021