

Devin Sit - Full Spectrum Developer

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Education **BASc in Software Engineering** Sep 2015 → Dec 2019
University of Ottawa, 9.0 GPA

Skills

Frontend	JavaScript, React, Redux, Sass
Backend	Node/Express, Python/Flask, Postgres
Mobile	React Native, Java/Android
DevOps	Linux, Git, Docker, Kubernetes, Terraform, Google Cloud, CI/CD
Data Science	ML productionalization, Keras, Scikit-Learn

Certifications **Google Cloud Certified** Professional Cloud Architect, Associate Cloud Engineer

Experience **Full Spectrum Developer (CO-OP)** May 2019 → Aug 2019
Innovation, Science, and Economic Development Canada - CDH Studio

- Led a team of coops to design and develop a skills discovery platform (Skillhub) from initial idea conception to final product delivery using React, Node/Express, and Kubernetes.
- Developed a machine learning model using Python and Scikit-Learn to instantly identify which projects employees had contributed to for categorizing them on Skillhub.
- Provided mentorship to teach new skills, technologies, and impart industry best practices.

Data Science Software Developer (CO-OP/Part-Time) Jan 2018 → Dec 2018
Pythian - Enterprise Data Science

- Impressed the then-CTO with past work term excellence to be invited as a founding member of the Enterprise Data Science team.
- Productionalized machine learning models into a Cloud-based, scalable Python/Flask API which led to saving millions of dollars for a mining company by predicting mechanical failures in haul trucks.
- Contributed significantly towards the achievement of Pythian's Google Cloud Machine Learning specialization by developing a web app that performed toxic speech classification on videos using machine learning, React, Terraform, and Kubernetes.
- Increased team productivity by developing a standardized development and exploration environment for data science endeavors using Python, Docker, and Google Cloud.

DevOps Software Developer (CO-OP) Sept 2017 → Dec 2017
Pythian - R&D

- Automated the test and deployment process for a new web app project using Git, Jenkins, and Nightwatch.js.
- Laid the groundwork of a modern tech stack for future R&D project endeavors by developing a proof-of-concept app using TypeScript, React, Node, and Docker.

Full Stack Software Developer (CO-OP/Part-Time) Jan 2017 → Aug 2017
Pythian - R&D

- Overcame the struggles of using the bleeding edge of Salesforce to rebuild the client-facing portal of a legacy, company-critical customer support platform under tight deadlines.

Junior Frontend Developer (CO-OP) May 2016 → Aug 2016
Pythian - R&D

- Increased company productivity through exposing new business insights by developing a data-driven dashboard for a legacy, company-critical ticketing system using React.