

Devin Sit - Full Spectrum Developer

✉ devin@devinsit.com | 🌐 www.devinsit.com | 🔗 linkedin.com/in/devin-sit | 📍 Ottawa, ON

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, basics of Keras and Scikit-Learn

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

- Spearheaded the development efforts for replacing the customer-facing interface of a company-critical web application using the latest and greatest in Salesforce Lightning.

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

- Worked on an Agile team to develop a modern dashboard interface – using React – for a company-critical legacy web application.
- Handled large refactoring efforts, particularly pertaining to the CSS of the dashboard, in order to improve future development velocity.