

# Devin Sit - Full Spectrum Developer

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

**Skills**

<b>Frontend</b>	JavaScript, React, Redux, Sass
<b>Backend</b>	Node.js/Express, Python/Flask, Ruby/Rails, Postgres
<b>Mobile</b>	Java/Android, React Native
<b>DevOps</b>	Linux, Git, Docker, Kubernetes, CI/CD, Google Cloud Platform
<b>Data Science</b>	ML productionalization, modelling with Keras and 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*

- Lead a team of coops to successfully develop a skills discovery platform from initial idea conception to product delivery.
- Provided mentorship to other coops to teach new skills, technologies, and impart industry best practices.
- Contributed to all aspects of development of the skills discovery platform (including frontend, backend, design, architecture, etc).

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

- Developed web APIs that leveraged machine learning for predicting mechanical failures to save millions of dollars for a client.
- 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.
- Built a suite of tooling for increasing the data science team's productivity, including a standardized Docker-based development environment specifically tailored to building machine learning models.

**Full Stack/DevOps Software Developer (CO-OP/Part-Time)** Jan 2017 → Dec 2017  
*Pythian*

- Greatly contributed to turning around the development of a new customer engagement web platform by being able to learn Salesforce on the fly.
- Developed Jenkins pipelines for enabling continuous integration of a new web app initiative.

**Junior Frontend Developer (CO-OP)** May 2016 → Aug 2016  
*Pythian*

- Learned web development (HTML, CSS, JavaScript + React) on the fly and basically from scratch to start contributing productively in a very short period of time.
- Used React to develop a modern dashboard for a company-critical legacy web application.

**Projects** **Skillhub**  
*[github.com/CDH-Studio/skillhub](https://github.com/CDH-Studio/skillhub)*

A skills discovery platform developed during my last coop to enable Innovation Canada employees to find others with the skills they need.  
Uses React, Node.js/Express, Python/Flask, Scikit-Learn, Docker, and Kubernetes.