Devin Sit - Full Spectrum Developer

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Education

BASc in Software Engineering   Sep 2015 → Jun 2020
University of Ottawa

Skills

Frontend	JavaScript, React, Redux, Sass
Backend	Node.js/Express, Python/Flask, Ruby/Rails, Postgres
Mobile	Java/Android, React Native
DevOps	Linux, Git, Docker, Kubernetes, CI/CD, Google Cloud Platform
Data Science	ML productionalization, basic knowledge of Keras and Scikit-Learn

Certifications

Google Cloud Certified   Professional Cloud Architect, Associate Cloud Engineer

Experience

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 toxicity classification on videos using machine learning.
- Built a suite of tooling for drastically increasing the data science team's productivity, including a standardized Docker-based development environment specifically tailored to building machine learning models.

DevOps Software Developer (CO-OP)   Aug 2017 → Dec 2017
Pythian

- Developed pipelines in Jenkins for enabling the continuous integration of a new web app development initiative and automating parts of our Jira workflow.
- Created an end-to-end test plan and framework for ensuring confidence in changes and new features for the new web app initiative.

Full Stack Web Developer (CO-OP/Part-Time)   Jan 2017 → Jul 2017
Pythian

- Single-handedly helped turn around the development of a new customer engagement web platform by being able to learn Salesforce on the fly.
- Successfully navigated the intricacies and perils of Salesforce development to launch the customer engagement platform in a mere 3-month time frame.

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

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

Projects

Purple Snowfall
purplesnowfall.pythian.com

An app for detecting toxicity in YouTube videos using machine learning.
Uses JavaScript/React, Python/Flask, Kubernetes, and Google Cloud Platform.