Derrick Lee

FULL STACK DEVELOPER

Summary

- Experienced in full stack web development with an emphasis on backend, API design, cloud infrastructure design, and dev-ops
- Passionate about solving problems and learning new technologies
- Well-versed in developing and deploying efficient and scalable applications

Work Experience

Backend Developer, M Moser Associates, Vancouver, BC

NOVEMBER 2020 — PRESENT

- Design and develop new features for the backend REST API in Node.js based on new user needs and client requirements
- Manage AWS cloud infrastructure using Terraform for infrastructure and application deployment in different environments and AWS regions
- Communicate with third-party vendors to facilitate implementation of integrated services to the existing application

Software Developer, Reva Solutions, Vancouver, BC

MAY 2019 — NOVEMBER 2020

- Developed custom full stack applications for clients to meet unique business requirements using cloud ECM systems, such as Box
- Developed the company's first AWS serverless application that serves as a customer portal for sharing sensitive file documents
- Implemented and used new technologies, such as the client's proprietary software and document scanning tools, to meet specific use cases

Full Stack Cloud Developer, Yalty Software, Vancouver, BC

MAY 2020 (BCIT INDUSTRY SPONSORED STUDENT PROJECT)

- Developed and delivered a user management system with AWS serverless architecture within five weeks
- Acted as the Team Lead to communicate progress to stakeholders and to meet sprint goals on a weekly basis
- Utilized Terraform to manage AWS resources required for infrastructure and CI/CD pipeline deployment, and serverless function deployments

Projects

Multiplayer Mahjong

JULY 2020 - AUGUST 2020

- Created a full stack serverless Mahjong game using TypeScript React, PixiJS, WebSocket, and AWS in a team of three
- Acted as the Product Owner to facilitate prioritizing backlog, and managing of requirements and overall scope of the project
- Deployed the application using the Serverless framework and GitHub Actions to facilitate automated testing, building and deployment

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Details

- 778-990-9919
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- www.derricklee.dev

Certifications

AWS Solutions Architect Associate
JULY 2020

AWS Solutions Architect Professional
TO BE COMPLETED MARCH 2022

Skills

Agile Software Development
API Design
Automated Testing
Data Visualization
Leadership
Problem Solving
Statistical Analysis
Technical Communication

Proficiency

Javascript

Node.js

React

Terraform

SQL

TypeScript

Python

Java

Education

Computer Systems Technology
BCIT
DECEMBER 2020

- Majored in Predictive Analytics with Governor General's Academic Medal

Bachelor of Science
UBC
MAY 2015

- Majored in Mathematics, Chemistry and Life Sciences