

Derrick Lee

Full Stack Developer

Experienced in full stack web development with 6+ years of experience and an emphasis on backend, API design and cloud infrastructure design. Passionate about solving problems efficiently and learning new technologies for self-improvement.

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Key Skills

Languages:

Javascript/Typescript
SQL/KQL
C#
.NET
Python

Soft Skills:

Creative thinking
Collaboration
Time management

Other:

Agile Software Development
Data Visualization
Technical Communication

Education

Computer Systems Technology

British Columbia Institute of
Technology
DECEMBER 2020

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

Bachelor of Science

University of British Columbia
MAY 2015

- Majored in Mathematics, Chemistry, and Life Sciences

Certifications

AWS Solutions Architect

Associate
JULY 2020

Work Experience

Software Engineer 2, Microsoft Canada, Vancouver BC

DECEMBER 2024 - PRESENT

- Lead a team to meet key deliverables on normalization of ingested data to Sentinel by creating schemas and parsers
- Create and maintain a set of agent skills that guide users on creating their own normalization parser to speed development time from days to minutes
- Communicate with customers through our open-source GitHub repository or Teams meetings to provide feedback on pull requests or bug reports

Software Engineer, Microsoft Canada, Vancouver BC

MARCH 2022 - DECEMBER 2024

- Designed and developed new APIs for various features for Sentinel, Microsoft's cloud-native SIEM
- Led the design of a file attachments API and database change feed microservice that had 100% availability at public preview launch
- Maintained feature SLAs through development of end-to-end tests, metrics to show feature availability and latency on a bi-weekly basis

Backend Developer, M Moser Associates, Vancouver BC

NOVEMBER 2020 - MARCH 2022

- Designed and developed new features for the backend REST API in Node.js based on new user needs and client requirements
- Managed AWS cloud infrastructure using Terraform for infrastructure and application deployment in different environments and AWS regions
- Communicated 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