



Mackenzie Boudreau

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EDUCATION

Dalhousie University, Halifax NS
Bachelor of Computer Science

SEPT 2016 - JAN 2021

WORK EXPERIENCE

Software Engineer @ Snyk, Remote

FEB 2023 - PRESENT

- Improved identity management by building a SCIM compliant server to allow customers to manage their users.
- Deployed the Snyk app in new single tenant and multi-tenant environments for customers.
- Contributed to developing a new tenancy model to enable other internal team's decomposition efforts.

Associate Software Engineer @ Snyk, Remote

NOV 2021 - FEB 2023

- Worked on a Kubernetes sidecar that handled authentication to allow other teams to decompose their services from a monolith.
- Built a proof-of-concept of an extension to our CLI tool that included token rotation.
- Contributed to building a self-service flow for business plans that allowed groups to be automatically provisioned.
- Wrote secure and scalable code to improve the overall Snyk product.

Junior Software Developer @ Manifold, Halifax NS

APR 2018 - JAN 2020

- Created and maintained various REST/GRPC endpoints for internal and external use.
- Worked on building a self-service onboarding flow that allowed sellers to join our marketplace without manual intervention.
- Developed several landing pages for marketing campaigns to attract customers.
- Used Kubernetes to deploy and manage various microservices in the cloud to achieve high availability.

TECHNICAL SKILLS

Languages

Golang, Typescript/JS, Swift, HTML/CSS, Python, Java, C++, SQL

Technologies

Docker, Kubernetes, AWS/GCP, Version Control, Continuous Integration/Deployment, Multithreading, Testing, All Major OS