

FAIZ MOMIN

Software Engineer, US Citizen, Canadian Citizen

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SKILLS

Languages: Python, Java, JavaScript, C/C++, Golang, Scala, Groovy, MIPS, SQL, Angular, Node.js

Technologies: AWS, GCP, Docker, Kubernetes, Ansible, Terraform, Jenkins, Hashicorp Vault, REST API

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Software Engineering

September 2019 – Current

Relevant Courses: Data Structures and Data Management, Introduction to Database Management, Logic and Computation, Introduction to Data Abstraction and Implementation, Foundations of Sequential Programming

EXPERIENCE

Software Engineer

Palo Alto, CA

BitGo

September 2021 - Present

- Currently interning as a Software Engineer for the Fall 2021 term.

Software Engineer

Chicago, IL

Relativity

May 2021 - August 2021

- Redesigned the build release process using Golang and Amazon EC2 self-hosted runners for Github Actions to significantly reduce build times and allow continuous integration and delivery for 100+ engineers.
- Automated the deployment of a dockerized monitoring stack consisting of Prometheus, Loki and Grafana, decreasing production downtime by 20%.
- Migrated production applications to Kubernetes to provide better scalability and container management.

DevOps Intern

Vancouver, BC

Text IQ

January 2021 - April 2021

- Designed and built project tracking software in Python using AWS Lambda and DynamoDB to track project states, reducing the average cost per project by 30%, saving \$100,000+ to date.
- Collaborated with 3 teams to build a self-serve model using Github Workflows, Terraform and Ansible, reducing the project deployment time by 70%+.
- Improved the automated deployment pipeline with Terraform while introducing multi-region support to handle data localization of international clients.

DevOps Engineer

Waterloo, ON

Economical Insurance

September 2020 - December 2020

- Redesigned existing Jenkins pipelines to implement parallelization with Declarative Pipeline, reducing build times by 20%.
- Migrated on-premise infrastructure and legacy applications to AWS, designing highly-available and cost effective solutions, reducing infrastructure costs by over 30%.

Technical Specialist - DevOps

Waterloo, ON

Economical Insurance

May 2020 - August 2020

- Deployed infrastructure using Jenkins, Ansible and Terraform, using Vault to manage secrets with LDAP/AD authentication methods.
- Developed a dashboard using Angular and Node.js to provide increased visibility into the statuses of all development and production servers.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate

Issued July 2020

AWS Certified Cloud Practitioner

Issued June 2020

PROJECTS

Tangible: Built a product using an Arduino and ultrasonic sensors to bring touch screen capability to any surface.

Proxy: Developing an app designed for students to find or post housing options using API Gateway and Lambda.