

Freddy Shaikh

DEVOPS ENGINEER - SOLUTIONS ARCHITECT

Toronto, Canada

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Skills

- Languages** Python, Golang, Java, SQL, Powershell, Bash, and VBA
- Frameworks** AWS, GCP, Kubernetes, Terraform, Spring boot, Django, Vizard, Selenium, Git, Jenkins
- Concepts** API development, Test driven development, Micro-front-end, CI/CD, Agile, Scrum, Kanban, REST, and Infrastructure as Code

Experience

Santoku Corporation www.Rimm.ai

Toronto, Canada

DEVOPS ENGINEER | CLOUD ARCHITECT

August 2021 - PRESENT

- Proactively identified inefficiencies in IT resources and conducted proof-of-concepts for cost-effective cloud solutions.
- Re-architected monolithic application into micro-services to increase up-time, efficiency, and durability in the cloud.
- Utilized infrastructure-as-code principles to design and manage AWS cloud infrastructure using Terraform, reducing provisioning time by 50%.
- Implemented Docker containers and orchestrated them with Kubernetes for improved scalability and fault tolerance.
- Utilized AWS Lambda to automate IT tasks such as server health-checks, and create automated SNS alerts.
- Conducted regular security audits and fulfilled security best practices using AWS IAM to ensure compliance with industry standards.

SOFTWARE ENGINEER

August 2019 - August 2021

- Planned, researched, and created haptic VR system prototypes.
- Refactored legacy code to use object-oriented programming.
- Created automated unit, integration, and API tests for VR training programs.
- Engaged in agile ceremonies, including daily stand-ups, sprint planning, and retrospective meetings.
- Read and collected information from 56 books and 103 scientific articles to design a joint psychology research project with a university.
- Served as a consultant to clients for custom haptic VR training software.

Japan Exchange Teaching (JET) Program

Tokyo, Japan

ENGLISH LANGUAGE TEACHER

August 2018 - August 2019

- English language teacher to over 1000 elementary and 500 middle school students.

Credit Valley Hospital

Toronto, Canada

HOSPITAL VOLUNTEER

August 2014 - August 2018

- Worked with physiotherapists to aid and encourage patients in achieving rehabilitative objectives through walking and exercise.

Projects

Portfolio Project (FreddyShaikh.com)

- Designed a portfolio website using JavaScript, HTML, and CSS to showcase front-end skills.
- Currently deployed into production using AWS Content Delivery Network for low latency static content delivery.

Google Drive Clone (github.com/Freddy-S3/Google-Drive-Clone)

- Created a fully functional file manager application similar to Google Drive using Laravel, PHP, Inertia, and Vue.js to showcase back-end skills.
- Includes the following functionalities: creating folders at unlimited depth, uploading files or folders, deleting or downloading files, searching for files, sharing files, uploading files to AWS S3 and more.

Certifications & Awards

In Progress **Google Cloud GCP Certification - Professional Machine Learning Engineer**, Google Cloud Certification

Toronto, Canada

2024 **Google Cloud GCP Certification - Professional Cloud Architect**, Google Cloud Certification

Toronto, Canada

2023 **AWS Certified Solutions Architect - Professional**, AWS Training and Certification

Toronto, Canada

2019 **Japanese Level N2 Certification**, Japanese Language Proficiency Test

Tokyo, Japan

2018 **TEFL Teaching Certification**, University of Toronto

Toronto, Canada

2016 **University Senate Scholarship**, McMaster University

Hamilton, Canada

2014 **Grade 12 French Certification**, Peel District School Board

Toronto, Canada

Education

McMaster University

Hamilton, Canada

BACHELOR OF HONORS SCIENCE

September 2014 - April 2018