SOURAV SARKER

📞 709-699-1468 ✉ souravsker@gmail.com

🐙 github.com/souravskr in linkedin.com/in/sourav-s 🌐 souravs.netlify.app

PROFESSIONAL SUMMARY

Resourceful computer science graduate passionate about software engineering and cloud infrastructure automation. AWS certified developer associate and HashiCorp certified Terraform associate. Talented at infrastructure as code and cloud infrastructure development. Demonstrated mastery of automation scripting on Python as well as passion for continual learning. Over 200 pull requests approved and merged in a year. Excellent team player with solid troubleshooting and problem-solving skills.

EDUCATION

M.S. In Computer Science
Memorial University of Newfoundland
Jan 2019 – Feb 2021
GPA: 3.75

WORK EXPERIENCES

Cloud Developer
Sequence Bio, St. John's, NL
July 2021–July 2022

- One of the key contributors to the team to achieve on an average 96% quarterly task accomplishment.
- Efficiently solved Salesforce cases by working closely with the cloud and application team.
- Developed automation script to deploy new docker image to all Github repositories.
- AWS infrastructure deployment using Terraform and Terragrunt.
- Developed a CircleCI orb for the first time in Sequence Bio for hassle-free continuous integration.
- Implemented Black Duck: Synopsys detect and integrated with CircleCI.
- Terraform module upgradation from Terraform v0.11 to Terraform v1.0 for continuous future support.
- Responsible for developing Docker images based on company policy.

Jr. Cloud Engineer (Co-op)
Inmarsat, Mount Pearl, NL
2020–Winter

- Played a role in the adoption and journey to the cloud, providing best practice guidance whilst supporting the migration of virtual and physical workloads into Amazon Web Services (AWS).
- Demonstrated my quick learning ability with a proof of concept by working on writing python code for an AWS Lambda function.

Graduate Teaching Assistant
Memorial University of Newfoundland
2020–Fall

- Checked assignments, proctored tests, and provided grades according to university standards.
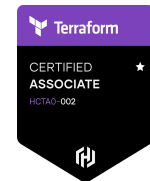- Prepared questions for quiz drills and assisted students in scheduled labs.

ONLINE COURSES

- **Ultimate AWS Certified Developer Associate 2022** (Udemy – Mar 2022)
- **Learn DevOps: Infrastructure Automation With Terraform** (Udemy – Sep, 2021)
- **Ultimate Java Part2: Object-oriented Programming** (MOSH–Mar, 2021)
- **DevOps Foundations: Infrastructure as Code** (LinkedIn–Feb, 2021)
- **DevOps Foundations: Containers** (LinkedIn–Feb, 2021)
- **M001: MongoDB Basics** (MongoDB University–Jan, 2021)
- **Terraform for AWS: Beginner to Expert** (Udemy–Dec, 2020)

TECHNICAL SKILLS & TOOLS

- AWS
- Terraform(IaC)
- Bash
- CircleCI
- Docker
- Version Control
- IntelliJ IDEA
- Python
- Go (Learning)
- Terragrunt
- CircleCI Orbs
- Packer
- Synopsys Detect

BADGES

PROJECTS

Cross account S3 replication. (Terraform, AWS S3, IAM, KMS)
May 2022

Cross account RDS backup using AWS backup (AWS Backup, RDS, KMS, SNS, Terraform, Terragrunt)
June 2022

Implementation of Black Duck® software composition analysis (SCA) (Python, CircleCI, Bash)
Dec 2021–Mar 2022

Terraform Upgradation (Terraform, Terragrunt)
Oct 2021 – July 2022

NeuroSAT, A Graph Neural Network Based SAT Solver (Python, Matplotlib, Numpy)
Dec 2020

Distance Measurement between objects in an image with & without perspective transformation (Python, OpenCV)
Jul, 2020

AWS S3 SFTP Bridge with Lambda Function (AWS, CloudWatch, JavaScript)
Apr 2020

EXTRA ACTIVITIES

Volunteer : Food Bank, Corte Real (Burton's Pond) Feb 2019

* References are available upon request.