SOURAV SARKER

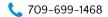📞 709-699-1468   ✉ souravsker@gmail.com

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

PROFESSIONAL SUMMARY

Resourceful Software Developer dedicated to improving skill through hands-on learning and development work. Well-versed in software development methodologies, including Agile and DevOps. Talented at object-oriented design, functional programming paradigms and various development languages. Demonstrated mastery of Python, Java and Javascript as well as passion for continual learning.

EDUCATION

M.S. In Computer Science
Memorial University of Newfoundland
2019-2021

B.S. In Information & Communication Engineering
Eastwest University
2011-2015

RELATED WORK EXPERIENCES

Cloud Developer Analyst (Work Term)
Inmarsat, Mount Pearl, NL
2020-Winter

- Assisted in the development of automation capabilities to further the drive towards Infrastructure as Code (IaC).
- 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).
- Developed a proof of concept by working on writing code for an AWS Lambda function and introduced with CI/CD process.

DevOps Engineer
SK+F, Dhaka, BD
January 2016 – November 2018

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Implemented new software applications and operating system roll-outs across business enterprise, including Sage ACCPAC and MYSQL.
- Researched and identified new technologies and tools helping to grow agile development environment.

OTHER WORK EXPERIENCE

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.

CERTIFICATIONS

- **DevOps Foundations: Infrastructure as Code**
  LinkedIn, Feb, 2021

- **DevOps Foundations: Containers**
  LinkedIn, Feb, 2021

- **Continuous Integration: Tools**
  LinkedIn, Feb, 2021

- **M001: MongoDB Basics**
  MongoDB University
  Jan, 2021

- **Terraform for AWS – Beginner to Expert 2020**
  Wrap 9 Training, Udemy
  Dec, 2020

- **Ultimate Java Part 1: Fundamentals**
  Code with Mosh
  Augt, 2020

- **Build Data Visualization with D3.js & Firebase**
  The Net Ninja, Udemy
  Jan, 2020

TECHNICAL SKILLS

- JavaScript
- Python
- Java
- Algorithms & Data Structures
- Version Control
- Agile Environments
- AWS
- Terraform
- Flask
- Flask-RESTful
- PostgreSQL
- MongoDB
- HTML-CSS

ONGOING PROJECT

Real-time Traffic Map with Python, Selenium, Leaflet.js and Firebase.

PROJECTS

- **NeuroSAT, A Graph Neural Network Based SAT Solver** (Python, Matplotlib, Numpy)
  December 2020

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

- **AWS S3 SFTP Bridge with Lambda Function** (AWS, CloudWatch, JavaScript)
  April 2020

- **Data Visualization on Human Activities** (JavaScript, D3-JS, HTML, CSS)
  November 2019

- **The Pig-Game based on JavaScript (Web App)** (JavaScript, HTML, CSS)
  August 2019

- **Google-Play-Store-Analysis – Data Visualization** (Python, Matplotlib, Numpy)
  June 2019

- **Street View House Number Recognition Using Convolution Neural Networking** (Python, CNN, Image Processing, Numpy)
  April 2019

- **Best Model Selection for Imbalanced Binary Classification Problem** (Python, Machine Learning, Numpy)
  March 2019

- **K-fold Cross-validation (k-fold CV) from Scratch** (Python, Machine Learning, Numpy)
  February 2019

- **KNN Classification Algorithm from Scratch** (Python, Numpy)
  January 2019

EXTRA ACTIVITIES

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

*References are available upon request.