

# Shraman Gupta

+1-514-715-9774 | [shraman.gupta@sunlife.com](mailto:shraman.gupta@sunlife.com) | [github.com/worklifegsg](https://github.com/worklifegsg)

## OBJECTIVE

---

Experienced Cloud Infrastructure Analyst with working knowledge of designing and implementing cloud-based solutions using various data analytic tools. Experience with Amazon Web Services environment for provisioning and maintaining cloud infrastructure solutions. Certified AWS Cloud Practitioner and AWS Solutions Architect Associate along with strong IT skills.

## SUMMARY (ABOUT ME)

---

- Worked on cloud based services at infrastructure level to build and provide support using different AWS services such as IAM, EMR, Glue, Lambda, Sagemaker, Lex/Polly/Transcribe, A2I, CloudWatch, EventBridge etc.
- Good working knowledge on automation tools such as using CloudFormation, Service Catalog, AWS CDK, and Terraform with an approach to build pipelines in more secure and efficient manner.
- Knowledge of on-boarding new architectures and services at enterprise level in compliance with data governance. Has supported multiple projects from their architectural design to implementation phase in conjunction working parallel with different teams at enterprise level
- Experienced Cloud Infrastructure enabler with subject matter expertise in AWS services as well as Rstudio services. Proficient in using Linux based environment while using CLI and Powershell. Good working experience in using different query tools such as Hue, Zeppelin, Starburst Trino.
- Ability to explain technical analysis and their business implications to different audiences. Experience in giving presentations and document reports to business clients. Experience in working with Agile principles with Scrum regular meetings as well as using JIRA/Confluence to log daily works and reports.
- 5+ years experience in using programming languages to provide IT support. 4+ years experience using cloud services (both serverless and microservices) for various AI applications
- Certifications: AWS Cloud Practitioner, AWS Solutions Architect Associate, Certified Terraform Associate, Azure Data Fundamentals, Databricks LakeHouse Fundamentals & currently preparing for AWS Data Analytics certification and Certified Vault Associate
- Excellent organizational, interpersonal, & management skills with strong analytic background, and ability to work with different technologies. Fluent speaking and writing in both English & French. Has 10 year Reliability Security Clearance level.

## EXPERIENCE

---

### **Sr. Cloud Infrastructure Analyst**

*Sunlife Financial*

Aug 2022 – Present

*Montreal, QC (Remote)*

- Currently working on Service Catalog pipeline for Glue users that will provide self-serve deployment for Glue resources in workload accounts. In addition, worked on building automated serverless AWS-Trino pipelines for end-users
- Involved in on-boarding new projects and services in Data & Analytics and involved from security approval process to implementing solutions on AWS in collaboration with Enterprise IT architects, Security Advisory, Solution Architects, & Engineering team
- Rstudio IT Infrastructure SME in Sunlife - configure, provision and maintain all Rstudio cloud servers for all US projects
- Involved in provisioning infrastructure resources to different applications teams under shared accounts as well as workload accounts.
- Closely worked with cloud engineering team (security & networking practices) and architecture team (for on-boarding new projects and services).

- Experience in working with both CA & US Governance teams, IT Architects, & business users
- Working on getting AWS services such as A2I, Athena, Lex/Polly/Transcribe, Google API on-boarded in Sunlife

## Cloud Infrastructure Analyst

*Sunlife Financial*

Sept 2021 – Aug 2022

*Montreal, QC (Remote)*

- Provided infrastructure implementation support for projects such as IFRS17, Starburst Trino deployment, & Analytic Lab Workspace
- Provided Middleware support for both CA & US Ranger and SLIDE servers.
- Good working knowledge in JFrog Artifactory & X-ray and ability to work on artifactory repositories for different business teams.
- Implemented resource provisioning using infrastructure as code in compliance with security protocols in shared account environments
- Lead new initiatives such as configuring new servers, AWS access key rotation as well as automation scripts to robust infrastructure operations
- Participated and lead AWS EBA for enabling new AWS services for call center team and cloud operations team
- Provided consultancy support to offshore teams for building Sagemaker based robust environments

## Data Analyst

*MobeHealth*

Oct 2020 – Aug 2021

*Toronto, ON (Remote)*

- Perform data cleaning, preparation, analysis and visualizations to understand the data.
- Analysis of healthcare data such as medical data, insurance claims, billing, cost data, and prescription data by writing SQL queries.
- Investigate different type of data to find patterns and trends and visualize results using Tableau.
- Work on cloud environment and write data analytic scripts to extract information from the database server.
- Work on data storage and data sharing methods on cloud environment.

## Research Associate

*Concordia University*

Aug 2016 – Dec 2020

*Montreal, QC*

- Responsible for designing imaging system at 60 GHz to detect concealed weapons for security applications.
- Implemented the image post-processing using AWS cloud services for Data Ingestion from the imaging system, using Jupyter based notebooks and Sagemaker to build and train machine learning model, and connecting the trained model with user-interface application using AWS Amplify.
- Experience in working with different database servers and storage solutions using lifecycle policies.

## Business Analyst

*VISCAR Education LLP*

Jan 2013 – July 2014

*Chandigarh, India*

- Analyze new educational systems from different perspectives, recommend cost-optimized solutions and align the business models to online education models.
- Discuss the problem with technical IT team and recommended technologies to address business requirements.
- Documented business processes and analyzed procedures to align with changing business needs.
- Collaborate with development team to ensure continuous improvement.

## EDUCATION

### Masters in Data Engineering

*SimpliLearn*

Oct 2021 – Sept 2022

*Online Remote*

### Masters in Artificial Intelligence Engineer

*SimpliLearn*

May 2020 – May 2021

*Online Remote*

### M.A.Sc Electrical & Computer Engineering

*Concordia University*

Sept 2014 – July 2016

*Montreal, QC*

### M.A.Sc Mobility & Electric Vehicles

*Arts et Métiers ParisTech*

Sept 2011 – Dec 2012

*Paris, France*

### Bachelors in Electrical Engineering

*Punjab Engineering College*

June 2007 – June 2011

*Chandigarh, India*