

Shridhar Sangamkar

Assistant Consultant

✉ mshridhar5@gmail.com

☎ +918792753742

📍 Hyderabad, India



PROFILE

With a total of 8+ years of IT experience, I have worked in Software Development and Data Engineering and have contributed to multiple projects.

Profile Summary:

- Development experience in Python, Java, Spring
- Working experience in Data Engineering projects which included Databricks, AWS MWAA and AWS Glue
- Working knowledge on AWS Services like Redshift, Glue, S3, EventBridge, Lambda etc.
- Experience in handling the team allocating tasks and managing the deliverables
- Migration from legacy project to AWS.
- Handling Design, Development, Build and Deployment
- Managing escalations, resolving, and tracing critical issues to minimize project risk factors.

EDUCATION

Bachelor of Engineering in Information Science and Engineering

Visvesvaraya Technological University

Pre-University Course

Karnataka PU Board

Secondary School

Karnataka State Board

PROFESSIONAL EXPERIENCE

Tata Consultancy Services

AWS ETL Developer

Client: EasyJet

Platform: Amazon Web Services

Project Name: Project Bridge

Job Responsibilities:

- Responsible for developing AWS Lambda using python which retrieves the data from delta share and loads into mParticle
- We have used the s3 based configuration which dynamically fetches the settings based on the type of data we are using

AWS ETL Developer

Client: EasyJet

Platform: Amazon Web Services

Project Name: Customer Satisfaction (CSAT) Survey

Job Responsibilities:

- Responsible for developing AWS Lambda using python which receives the FlightDetailsChanged and FlightDisruptionChanged events from AppRunner
- Created three lambda which extracts the event data and loads into database and if flight arrived or cancelled then trigger the next lambda which will execute the flight qualifier checks and passenger exclusion checks and create the payload for ingesting into sqs
- The sqs messages will be periodically extracted and sent to mParticle using mparticle SDK
- Created the lambda for extracting data from databricks delta share and loading it into database
- Also responsible for creating database, managing the tables and optimizing the queries as per the requirements

AWS ETL Developer

Client: EasyJet

Platform: Amazon Web Services

Project Name: Real Time Disruption Communication

Job Responsibilities:

- Responsible for developing AWS Lambda using python which receives the FlightDetailsChanged event from the data extractor lambda validates the business rules and creates the contacts payload based on the event is recovery or delay
- Responsible for creating the AppConfig configuration with all the key business rules
- Also responsible for creating database, managing the tables and optimizing the queries as per the requirements

AWS ETL Developer

Client: EasyJet

Platform: Amazon Web Services

Project Name: eJH-Neptune

Job Responsibilities:

- Responsible for developing Airflow DAGs which extract data from multiple sources and save it in data lake and Redshift.
- Responsible for handling all the activities related to Redshift.

AWS ETL Developer

Client: EasyJet

Platform: Amazon Web Services

Project Name: Plotly

Job Responsibilities:

- Responsible for creating Plotly Launcher and Integrating with data science application
- Responsible for creating UI components using Plotly Dash

AWS ETL Developer

Client: Wincanton

Platform: Amazon Web Services

Project Name: Wincanton Invoice Migration

Job Responsibilities:

- Responsible for designing and developing data pipeline for data migration
- Developing glue scripts for data migration from S3 to Aurora PostgreSQL Database
- Responsible for writing Lambda Functions to provide extended features to client.

ETL Developer

Client: United Biscuits

Platform: Amazon Web Services

Project Name: Consumer Insights Program

Job Responsibilities:

- Responsible for designing and developing data pipelines in AWS using Databricks
- Developing scripts in Databricks for data cleaning and data manipulation
- Designing ETL Pipelines for multiple data sources.

Tech Mahindra Ltd

Senior Software Engineer

Client: General Electric

Platform: Amazon Web Services

Project Name: GR Operations

Job Responsibilities:

- Responsible for handling job migration from legacy systems to AWS
- Upgrading legacy Java 1.5 project to Spring and Python project with Amazon Redshift database
- Migrating the projects to EC2 instance.
- Planning and designing new migrations or development in the team

Senior Software Engineer

Client: General Electric

Platform: Amazon Web Services

Project Name: Asset Model Automation

Job Responsibilities:

- Responsible for handling multiple source systems and providing the synchronization of data across the system.
- Creating, Updating, Deleting, Reporting and Validating the Asset Objects present for the wind generation.
- Developing micro services for the application to achieve multiple features.
- Loading data from multiple resources and displaying on dashboard for validation
- Managing team and designing the architecture of application

Software Engineer

Client: General Electric

Platform: Amazon Web Services

Project Name: SAP Integration

Job Responsibilities:

- Developing the API as a data transfer medium between multiple systems like SAP ABAP, SAP PI, Sage system, PHP services and message brokers

- Creating Lambda functions to interact with Simple Notification Services (SNS)
- Understanding the application, creating and Managing API Gateways to interact with Lambda.

Software Engineer

Client: General Electric

Platform: Windows, Linux, and Web Services

Project Name: GR Development

Job Responsibilities:

- Concentrates on the turbine level details, which includes handling and managing multiple resource data to a single repository. Developing APIs to reflect the connectivity status.
- Creating jobs for data migration for different customers using Java and Springs
- Executing Batch Processes with the bat file generated

Software Engineer

Client: General Electric

Platform: GE Predix

Project Name: IBCT Migration

Job Responsibilities:

- Mainly concentrates on the turbine details of GE Power and Water. Managing the Bulletin and Product details
- Understanding the business of the application.
- Migrating all the SQL queries to PostgreSQL compatible
- Using Spring JPA to call services and mapping data entities.
- Writing Stored Procedures, Functions for migrated PostgreSQL queries.
- RESTful Web Services while adhering to the coding standards required for the REST API to create the URLs required to get and post data from the front-end



SKILLS

Python

PySpark, PyArrow,



Java

Spring Boot, SpringJPA



Amazon Web Services

Redshift, MWAA, S3, Glue, RDS, EventBridge, AppConfig



Database

PostgreSQL, Oracle, Redshift, Microsoft SQL Server



Databricks

PySpark Scripting

