

SHANTHI SARAVANAN

AWS Data Engineer

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EXPERIENCE

AWS Data Engineer

Tata Consultancy Services 📅 2022 - 2023 📍 Tharamani, Chennai

- Engineered and optimized ETL pipelines, boosting data processing efficiency by 30%.
- Implemented Change Data Capture (CDC) with AWS DMS and S3 for near real-time ingestion, enhancing data freshness by 50%.
- Integrated AWS S3, Lambda, and Step Functions to optimize data workflows, improving system reliability by 15%.
- Streamlined ingestion of diverse data sources (CSV, Excel, JSON) using Altiis Data Load Accelerator, reducing development effort by over 50%.
- Monitored and debugged data jobs with AWS CloudWatch and SNS, decreasing incident resolution time by 35%.
- Enforced robust data governance standards across pipeline lifecycles, improving data quality and compliance.

Aws Developer

Ramco Systems 📅 2018 - 2021 📍 Taramani, Chennai

- Led the migration of 10+ legacy data sources to AWS Redshift, ensuring 100% data accuracy, minimal downtime, and 25% infrastructure cost savings
- Developed and maintained AWS Redshift data warehousing solutions, achieving \$50,000 in annual cost savings
- Automated schema management via Liquibase, cutting deployment time by 40 and strengthening version control
- Collaborated with cross-functional teams to optimize data models, resulting in a 30% increase in query performance
- Built interactive Power BI dashboards, translating complex datasets into actionable insights and reducing report generation time by 60%

ETL Consultant

WBC Software Lab 📅 2017 - 2018 📍 Sivaganga, Karaikudi

- Designed 50+ powerful MS SQL queries for customized software add-ons enhancing enterprise capability
- Streamline daily data workflows by automating batch orchestration of data ingestion and ETL activities, also integrating multiple systems
- Increased data management efficiency by implementing OLTP solutions with 50+ T-SQL Objects, maintaining ACID Properties

SQL ETL Developer

Ramco Systems 📅 2016 - 2017 📍 Tharamani, Chennai

- Customization and development with its enterprise tool to build application with T-SQL objects
- Customized the application needs and ad hoc report with built-in report tool
- Developed 10 knowledge base documentation procedures to support knowledge Function activities
- Collaborated with cross-functional teams to identify data sources and streamline data collection, resulting in a 25% reduction in report development time

SUMMARY

AWS Data Engineer with a strong track record of designing, developing, and maintaining scalable and robust data architectures on the AWS cloud. Proficient in integration AWS services like S3, Redshift, Lambda, Glue and Step Functions to build efficient and reliable data workflows, with a focus on delivering high-quality, scalable data platforms for advanced analytics.

SKILLS

AWS Services	Redshift	Python
AWS Glue	Data Mapping	
CloudWatch	Data Modelling	GitHub
ETL Tools	AWS RDS	Aws Emr
Data Integration Technologies		

EDUCATION

B.E. Computer Science

St Michael College of Engineering Technology

CGPA
7.52 / 10.0

📅 2012 - 2016

📍 kalyarkoil, Sivaganga

STRENGTHS

Problem Oriented

Proactively identified and addressed redundancies in data flows which increased security by 40%.

Technology Mastery

Consistent focus on staying proficient, resulted in being recognized as the go-to technical resource within the team.

Communication

Excellence in distilling complex technical data solutions into simplified concepts for non-technical stakeholders.

CERTIFICATION

AWS Solution Architect -Associate

Comprehensive AWS certification course from Udemy, providing proficiency in designing distributed applications and systems on the AWS platform.