

PRAGADEESHWARAN D

AWS Cloud & Data Engineer | AWS Certified Solutions Architect

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■ LinkedIn: linkedin.com/in/pragadeeshwaran-d | ■ GitHub / Portfolio (Add link)

PROFESSIONAL SUMMARY

AWS Certified Cloud & Data Engineer with hands-on experience in building data pipelines, cloud architectures, and analytics dashboards using AWS services. Skilled in ETL automation, data lake management, and cost optimization, delivering measurable business impact such as reducing reporting time by 60% and improving AWS cost efficiency by 15%. Adept at collaborating across teams to implement secure, scalable, and analytics-driven cloud solutions.

CORE COMPETENCIES

Cloud Platforms: AWS (S3, Redshift, Glue, Athena, QuickSight, EC2, Lambda, CloudWatch, IAM, VPC)

Data & Analytics: SQL, Python, ETL Pipelines, Data Warehousing, Data Visualization

DevOps & Automation: Terraform, Git, CI/CD (Learning)

Tools & Others: Excel, Statistical Modeling, Data Cleaning, Infrastructure as Code (IaC)

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- HashiCorp Certified: Terraform Associate (2025)
- Microsoft Excel – Intermediate
- Introduction to Programming Using JavaScript

PROFESSIONAL EXPERIENCE

Tata Consultancy Services (TCS) – Data Analyst / AWS Cloud Projects

Kochi, India | Sept 2023 – Present

- Designed and deployed AWS Redshift clusters and optimized ETL pipelines, improving query performance by 40%.
- Automated S3 → Redshift → QuickSight data ingestion and dashboard refresh, reducing manual reporting time by 60%.
- Configured VPC & IAM for secure, role-based access to analytics data across multiple teams.
- Monitored AWS resources using CloudWatch, achieving a 15% cost reduction through optimization.

Techvolt Software – Cloud & Data Intern

Coimbatore, India | Jul 2023 – Aug 2023

- Migrated on-premise datasets to AWS S3 and created basic ETL workflows with AWS Glue.
- Developed Terraform scripts to automate provisioning of AWS test environments.
- Built Python scripts for data cleaning & AWS automation tasks.

PROJECTS & ACHIEVEMENTS

1. Cloud Data Analytics Dashboard (TCS)

- Built a scalable data pipeline (S3 → Redshift → QuickSight) for automated business insights.
- Reduced manual reporting time by 60% through serverless data processing.

2. Infrastructure Automation Lab (Personal)

- Designed AWS EC2 + S3 infrastructure using Terraform with secure IAM Roles.
- Automated deployment of cloud environments for testing and training.

3. AWS Real-Time Data Stream (Personal) [Optional]

- Streamed live data using Kinesis Data Firehose → S3 → QuickSight for near real-time analytics.

EDUCATION

Master of Computer Applications (MCA) – Excel College of Engineering & Technology | 2022 – 2024

Bachelor of Computer Science – Kongu Arts and Science College | 2019 – 2022