



## AWS Data Engineer

### Job Requirements:

- An expert in building and maintaining Data pipelines at scale.
- A Cloud exposure to Rehost/ RePlatform/ Modernise legacy applications.
- A very strong foundation on Cloud Capabilities and applying them to real-life Data workloads.
- Hands-on experience on Modern Data Lakes/Data Warehouse use cases.
- Propose the right tools sets for applications with maintaining the correct balance between performance and cost.
- Command in OOP or Functional programming.
- Working knowledge of container technologies is preferable (not mandatory).
- Well versed with all phases of SDLC (required gathering to prod deployments, post-deployment tuning)

### Must Have:

- 5-8 years of experience in software development and delivery.
- At least 2-5 years of relevant work experience on large scale Data applications
- At least 2-4 years of experience in any of the public cloud (AWS/AZURE//GCP)
- Good attitude, strong problem-solving abilities, and analytical skills, ability to take ownership as appropriate
- Should be able to do coding, debugging, performance tuning and deploying the apps to Prod.
- Should have good working experience on:
  - Production experience of Application Migration/Development/Deployment/Monitoring on any one Public Cloud environment (AWS/AZURE/GCP)
  - A clear understanding of cloud offerings used and the pros and cons
  - On-premise and Cloud Data Pipeline experience with Ingestion (GLUE/DMS/S3)/Processing (EMR/LAMBDA/STEP Functions) , Visualization(Quicksight) capabilities and SQS/SNS/DynamoDB/Cloudformation
  - Working experience in Spark Data pipelines with high volume with predefined SLA's
  - Hadoop ecosystem (HDFS, Hive, Impala, Yarn, File formats like Avro/Parquet/Arrow)
  - Optimizations and monitoring of production Data Pipelines.
  - Must have hands-on experience on Java/ Scala /Python
- Good to have experience in Redshift/Snowflake
- Good to have exposure to Container Technologies
- Good to have a clear understanding of overall cost optimization and strategies to choose the right cloud Services
- Relevant certifications on Cloud and Big Data Technologies are preferable.
- Design Patterns and Software Architecture understanding
- Experience working in Agile Methodology
- Ability to learn and help the team learn new technologies quickly.
- Ability to do planning/design/implementation/UAT/delivery of the project.
- Excellent communication and coordination skills
- Knowledgeable (and preferred hands-on) - UNIX environments, different continuous integration tools.
- Must be able to integrate quickly into the team and work independently towards team goals

### **Role & Responsibilities:**

- Take the complete responsibility of the sprint stories' execution
- Be accountable for the delivery of the tasks in the defined timelines with good quality.
- Set up automation checklist and process to help the support team achieve higher throughput with less manual intervention

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- Follow the processes for project execution and delivery.
- Follow agile methodology
- Work with the team lead closely and contribute to the smooth delivery of the project.
- Understand/define the architecture and discuss the pros-cons of the same with the team
- Involve in the brainstorming sessions and suggest improvements in the architecture/design/deployment/monitoring.
- Work with other team leads to get the architecture/design reviewed.
- Work with the clients and counter-parts (in US) of the project.
- Keep all the stakeholders updated about the project/task status/risks/issues if there are any.