

ARPIT JAISWAL

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Summary

Results-driven IT professional with nearly 4 years of experience in Data Engineering using Python, AWS, and SQL. Expert in building scalable solutions and optimizing workflows. Reduced system downtime, ensured bug-free operations, and improved performance by 25%. Skilled in data ETL, microservices, serverless computing, scripting, and agile methodologies, boosting team productivity and project success.

Technical Skills

Languages: Python, SQL, C++

Coursework: Data Structures, DBMS, OOPS, SDLC, SOLID

AWS services: IAM, S3, Step-function, DDB, Glue, Cloudwatch, SNS, API gateway, Lambda, Cloud Formation

Frameworks/Libraries: NumPy, Pandas, Pyspark, Django

Tools & Technologies: Git, Postman, Azure Blob Storage, Office Suite, PuTTY, WinSCP, DataBricks

Experience

System Engineer, Tata Consultancy Services

May 2021 - Current

Role - Data Engineer (Python AWS Developer)

- Developed and delivered 120+ batch extract services and 30+ API services in the healthcare domain.
- Provided accurate estimations for 30+ project requirements, ensuring timely delivery and adherence to project timelines.
- Resolved 50+ bugs, RITM, and defects during monitoring phases, achieving a 98% bug-free system operation.
- Implemented Python scripts and SQL queries for batch extraction, reducing data processing time, optimizing workflows, and handling file generation, archiving, and extraction in formats like CSV, JSON, Txt and Parquet.
- Automated and managed 300+ daily batch extracts and 100+ APIs, minimizing manual workload.
- Collaborated with cross-functional teams, clients and leads to ensure on-time delivery.
- Mentored 5 junior developers, enhancing productivity and code quality.

Role - Data Engineer (ETL Developer)

- Assisted in successfully migrating 9 million master data records from Informatica MDM to Riversand MDM for a major retail industry client.
- Collaborated with cross-functional teams to identify data requirements and ensure a seamless migration across systems.
- Identified and resolved over 50 bugs and data quality issues, reducing errors and improving performance by 25%.
- Documented 10+ data migration procedures, facilitating knowledge transfer.
- Validated data integrity and consistency across systems with various validation tests.
- collaborating with clients, leads, and managers to ensure the accuracy and completeness of migrated data.

Internship

Software Developer Intern, Digiprime Technologies

January 2021 - March 2021

- Developed backend features for 2 website applications using Python, Django and SQL.
- Exceeded performance expectations and completed 2 major projects on time.

Certification

AWS Cloud Practitioner - Verify

Education

Medicaps University, Indore (M.P.)

2017 - 2021

Bachelor of Technology in Computer Science – Graduate with 7.4 CGPA

last updated March 2025