

Rishabh Oswal

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Experienced Data Architect/Engineer with around 5 years of expertise working with consulting companies and startups, specializing in delivering data engineering and cloud solutions across diverse sectors.

As a Data Engineer/Architect, designed and developed multiple scalable and robust solutions. Proven expertise in developing ETL, ELT, Data Lakes/Warehouses, Data Modeling and Cloud based architectures.

Experience

Cloud And Data Architect | T-Systems International

May,2024 –Present. Berlin, Germany

Data Engineer | Medbelle

Oct,2022 – May,2024. Berlin, Germany

- Built and designed the Data Warehouse at Medbelle with focus on enhancing scalability. Scaled the data pipelines and reduced execution time by more than 30%.
- Designed and developed multiple integrations and transformations for data sources like Hubspot, Personio, Quickbooks, Google Ads, Bing Ads, etc.
- Conducted ETL tasks, data modelling activities and infrastructure setup.
- Built a Machine Learning model to build automated and competitive pricing model for our end users.

Key Skills: SQL, Python, Airflow, DBT, AWS, ELT, DevOps, Postgres.

Cloud And Data Engineer | PricewaterhouseCoopers LLP, Bengaluru

Oct,2021 – Oct,2022. Pune, India

- Consulted Fortune 500 Clients, devising and implementing data migration strategies on AWS.
- Architected solutions which resulted in reducing development efforts by more than 50%.

Key Skills: Python, PySpark, AWS, CDK, SQL, DBT, ETL, Redshift.

Cloud And Data Engineer | Deloitte USI Consulting Pvt. Ltd., Mumbai

Aug,2019 – Oct,2021. Mumbai, India

- Consulted Fortune 500 Clients, designing and implementing data solutions on AWS.
- Also contributed towards Internal projects, Proof of Concepts, Firm Initiatives, etc.

Key Skills: Python, AWS, PySpark, Airflow, CloudFormation, SQL, Serverless.

Skills

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|---------|----------|----------------|----------------|
| • AWS | • Python | • SQL | • Airflow |
| • Spark | • CI/CD | • DevOps | • Docker / K8s |
| • DBT | • Git | • Bash / Linux | • API's |

Education

Bachelor's in computer science | Fergusson College, Pune

July, 2016 – May, 2019

Graduated with a CGPA score of 9.65/10

Certifications

- AWS Certified Solution Architect Professional
 - AWS Certified Data Engineer Associate
 - AWS Certified Data Analytics Specialty
 - AWS Certified Sys Ops Admin Associate
 - AWS Certified Solutions Architect Associate
 - AWS Certified Developer Associate
 - Astronomer Certification for Airflow fundamentals.
 - Astronomer Certification DAG Authoring for Apache Airflow
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Key Projects

[@PWC]: Wholesale Food Distributor, United States

Role: Solution Architect/Data Engineer.

- Designed and developed a configure ETL solution on AWS slashing development efforts by more than 50%. Also achieved recognitions for the efforts in this engagement by the client and PwC.

Key Skills: AWS: Lambda, Glue, StepFunctions, Redshift, S3, Systems Manager, EC2, ECS Fargate, CDK, CloudFormation, CodePipeline

Languages: Python, Pyspark, SQL, DBT

[@Deloitte]: Pharmaceutical Client, United States

Role: Solution Architect/Data Engineer.

- Successfully ingested 6-8 data sources for the client business units on AWS enabling seamless business transformations. Received 3 awards for the deliverables produced in the project.

Key Skills: AWS: Elasticsearch, DynamoDB, Aurora RDS, S3, EC2, Glue, API Gateway, Lambda, CloudFormation, Code Pipeline, Secrets Manager, CloudFront, etc.

Languages: Python, Pyspark, Shell, SQL, etc.

Other: Apache Airflow, Reltio MDM, GitHub, JIRA

[@Deloitte]: Transportation Sector Client, United States

Role: Data Engineer

- Contributed to Code Development on Python and PySpark to build a Data Warehouse for the client's fleet and car reservation management systems on AWS

Key Skills: AWS: Lambda, EMR, S3, RDS

Languages: Python, Pyspark, Shell, SQL, etc.

[@Medbelle]: Healthcare Service Provider, United Kingdom

Role: Data Engineer

- Designed the DWH, built multiple data integrations and data pipelines using DBT and Airflow.

Key Skills: AWS, Docker, Machine Learning, Python, SQL, DBT, Airflow, DevOps, CICD, GitHub, GitHub Actions, Stakeholder Management, Agile, Communication, Structured Approach, Leadership, etc.
