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## Expert Data Engineer

### SUMMARY

- 20+ years of experience in Software development; - Strong skills in data engineering and cloud architecture; - Experience with encompasses cloud platforms AWS and Azure; - Deep abilities in Big Data technologies Databricks, Hadoop; - Experience with Python, MySQL, PostgreSQL and SQL; - Good knowledge of CI/CD implementation; - Holds certifications such as AWS Certified Solutions Architect and Microsoft Certified Azure Data Engineer Associate; - Experience with ETL; - Knowledge of designing scalable data solutions, leading cloud migrations, and optimizing system performance.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Python
<b>Programming Languages</b>	Python, VBScript
<b>Python Libraries and Tools</b>	PySpark
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, Azure Data Factory, Business Intelligence (BI) Tools, Data Analysis, Databricks, Decision Tree, ETL, Microsoft Azure Synapse Analytics, Teradata
<b>Databases &amp; Management Systems / ORM</b>	Apache Hadoop, AWS Redshift, Cassandra, Clickhouse, Data Lake, dbt, HDP, MySQL, Oracle Database, PostgreSQL, RDBMS, Snowflake
<b>Amazon Web Services</b>	AWS EC2, AWS Glue, AWS Kinesis, AWS Redshift
<b>Azure Cloud Services</b>	Azure Data Factory, Azure DevOps, Azure Key Vault, Databricks, Microsoft Azure Synapse Analytics
<b>Google Cloud Platform</b>	Cloud Functions
<b>Methodologies, Paradigms and Patterns</b>	Agile, Architecture and Design Patterns, Scrum
<b>Web/App Servers, Middleware</b>	Apache HTTP Server
<b>iOS Libraries and Tools</b>	Core Data
<b>Version Control</b>	Github Actions
<b>Deployment, CI/CD &amp; Administration</b>	Jenkins
<b>Message/Queue/Task Brokers</b>	Kafka



<b>Project Management &amp; Administration</b>	Project Management
<b>Virtualization, Containers and Orchestration</b>	Terraform
<b>Other Technical Skills</b>	Dagster, ETL/ELT, Unreal Engine

## WORK EXPERIENCE

### Lead Software Engineer, Cloud Migration, Estee Lauder

**Duration:** Sep 2020 – Present

**Summary:** Led cloud migrations for complex data architectures using AWS, Databricks, and Snowflake.

**Responsibilities:** Led cloud migrations, implemented Medallion architecture, designed CI/CD pipelines, automated infrastructure

**Technologies:** AWS, Databricks, Snowflake, Terraform, GitHub Actions

### Lead Software Engineer, Data Platform Development, Louis Dreyfus

**Duration:** Sep 2020 – Present

**Summary:** Built scalable data platforms on Azure, improving performance and governance.

**Responsibilities:** Built scalable data platforms on Azure and AWS for diverse business domains

**Technologies:** Azure, PySpark, Synapse Analytics

### Senior Data Architect, DB BEST Technologies

**Duration:** Jan 2019 – Feb 2021

**Summary:** Designed a robust data warehouse on Amazon Redshift, managing data for microfinance operations.

**Responsibilities:** Designed data warehouse, developed multi-threaded data pipelines, led team of data engineers

**Technologies:** Amazon Redshift, AWS Glue, PySpark

### Database Architect & Developer, DB BEST Technologies

**Duration:** Jul 2016 – Dec 2020

**Summary:** Managed large-scale data migration projects from Oracle and other databases to AWS Redshift.

**Responsibilities:** Managed data migration projects, developed bash scripts and SQL procedures, coordinated multi-functional teams

**Technologies:** AWS Redshift, Oracle, Bash, SQL



## **Consultant, Healthcare startup**

**Summary:** Architected a data warehouse on AWS for a healthcare startup, enabling BI reporting and data-driven decision-making.

**Responsibilities:** Architected data warehouse on AWS

**Technologies:** AWS, Data Engineering Tools

## **EDUCATION**

- **PhD in Economic and Mathematical Modeling**
- **Specialist in Applied Mathematics**

## **CERTIFICATION**

- **AWS Certified Solutions Architect – Associate**
- **Microsoft Certified Azure Data Engineer Associate (DP-203)**
- **Databricks Certified Data Engineer Professional**
- **[PCEP-30-01] Certified Python Programmer**
- **Snowflake Hands-On Essentials**

