

Ihor H

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

Main Technical Skills	Python
Programming Languages	Python, VBScript
Python Libraries and Tools	PySpark
Data Analysis and Visualization Technologies	Apache Airflow, Azure Data Factory, Business Intelligence (BI) Tools, Data Analysis, Databricks, Decision Tree, ETL, Microsoft Azure Synapse Analytics, Teradata
Databases & Management Systems / ORM	Apache Hadoop, AWS Redshift, Cassandra, Clickhouse, Data Lake, dbt, HDP, MySQL, Oracle Database, PostgreSQL, RDBMS, Snowflake
Amazon Web Services	AWS EC2, AWS Glue, AWS Kinesis, AWS Redshift
Azure Cloud Services	Azure Data Factory, Azure DevOps, Azure Key Vault, Databricks, Microsoft Azure Synapse Analytics
Google Cloud Platform	Cloud Functions
Methodologies, Paradigms and Patterns	Agile, Architecture and Design Patterns, Scrum
Web/App Servers, Middleware	Apache HTTP Server

iOS Libraries and Tools	Core Data
Version Control	Github Actions
Deployment, CI/CD & Administration	Jenkins
Message/Queue/Task Brokers	Kafka
Project Management & Administration	Project Management
Virtualization, Containers and Orchestration	Terraform
Other Technical Skills	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**

