

## PROFESSIONAL SUMMARY

I specialize in building scalable data architectures using modern cloud platforms like AWS and Azure, and I'm highly proficient in tools like Python, SQL, Spark, and various BI tools including Tableau CRM, Qlik Sense, Power BI, and Preset. From streamlining programmatic pipelines and integrating enterprise systems like NetSuite and Salesforce, to delivering mission-critical dashboards for C-level executives—I've consistently aligned data solutions with business strategy.

To stay ahead in today's fast-paced environment, I actively integrate AI into my workflow. I leverage tools like GitHub Copilot, Claude, and ChatGPT for code assistance, debugging, and technical documentation. I'm also developing AI agents using Ollama and Autogen frameworks to automate and scale analytical tasks.

With experience across top firms, I build scalable, interactive dashboards and analytics solutions—leveraging AI tools to boost productivity and drive smarter, data-informed decisions.

## PROFESSIONAL EXPERIENCE

*Dec 2022 - Present*

### Technology Lead

#### Bitwise Solutions Pvt Ltd, Pune, Maharashtra

- Initiated B2B analytics reporting with key insights through Funnel Analysis, Forecasting, and more
- Optimized Programmatic Advertisers pipeline, reducing processing time by 60%
- Executed NetSuite invoice data integration with Salesforce
- Led migration from Qlik Sense to Python for Datorama nPrinting
- Implemented data-driven decision making across business units leading to 25% increase in revenue
- Architected cloud-based data solutions that reduced infrastructure costs by 30%

Data Engineering

Cloud Infrastructure

Team Leadership

Machine Learning

Enterprise Integration

*May 2020 - Dec 2022*

### Senior Data Engineer

#### Novartis Healthcare Pvt Ltd, Hyderabad, Telangana

- Migrated from HIVE to Snowflake, increasing pipeline performance by 60%
- Orchestrated jobs using Apache Airflow and Alteryx, improving system speed by 40%
- Maintained 99.5% data accuracy with 9.5/10 stakeholder satisfaction

- Led team of 3, collaborating with 15+ data vendors and 10+ brand leaders

Data Migration

Process Automation

Team Mentoring

Jun 2018 - Apr 2020

## Data Engineer

### Polestar Solutions and Services, Noida, Uttar Pradesh

- Worked with Jubilant FoodWorks to reduce production pipeline execution time by 66%
- Migrated IndiaMART's on-premises system to AWS
- Delivered automated prediction model workflows for Reckitt Benckiser using Azure Databricks
- Successfully started cloud-based services as a new vertical for the organization

#### Key Clients:

##### Jubilant FoodWorks Limited

The aim of this project was to develop, maintain and upgrade data pipelines to automate and optimize the production process on AWS Infrastructure. Successfully reduced the execution time for the production pipeline by 66% and decreased the cost of Data Storage on Amazon Redshift by 50%.

##### IndiaMART InterMESH Ltd

This project aimed at migrating the existing on-premises system to Amazon Web Services and generate Power BI reports for Sales and HR by extracting Parquet files from Amazon S3 and creating a warehouse in Amazon Redshift while processing the data in AWS Glue using Pyspark.

##### Reckitt Benckiser Group

In this project, the aim was to deliver automated workflows of the prediction model using Azure Databricks. Data needed to be extracted from Azure Blob Storage and Azure SQL Data Warehouse, then process the Parquet files are shared with DataRobot and finally the output is sent to the cube.

AWS Services

Azure Databricks

Data Pipeline Optimization

## TECHNICAL SKILLS

### Python

- Pandas
- SQLAlchemy
- Selenium
- Pyspark
- Sklearn

### SQL

- SQL Server
- Postgre SQL
- Spark SQL
- SnowSQL

### ETL Tools

- AWS Batch
- AWS Glue
- Azure Databricks
- Alteryx

### Analytical Tools

- Tableau CRM
- Microsoft Excel

### Project Management

- JIRA
- Confluence

### Soft Skills

- Effective Communication
- Client Management

- Qlik Sense
- Preset
- Power BI
- Trello
- Figma
- Problem-solving
- Prompt Engineering
- Leadership

## Cloud Services

- AWS
- Azure
- Databricks

## Data Warehouse

- Redshift
- Azure SQL DWH
- Snowflake

## Big Data Tools

- Apache Spark
- HIVE

## NOTABLE PROJECTS

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### AI-Powered Portfolio Website

Created a Next.js portfolio website featuring responsive design, dynamic content management, interactive visualizations, and SEO optimization. Used GitHub Copilot - Claude 3.7 Sonnet for the entire development process, leveraging prompt engineering to build components, implement features, and solve technical challenges.

*Technologies: Next.js, TypeScript, Tailwind CSS, React, GitHub Copilot, Claude AI, Vercel, Responsive Design*

### Migration from On-premise to AWS Infra

This project aimed at migrating the existing on-premises system to Amazon Web Services and generate Power BI reports for Sales and HR by extracting Parquet files from Amazon S3 and creating a warehouse in Amazon Redshift while processing the data in AWS Glue using Pyspark.

*Technologies: Cloud, AWS, AWS Glue, Amazon S3, AWS Lambda, SQL, Python, Pyspark, Redshift, Power BI*

### Data Wrangling for Prediction Model

In this project, the aim was to deliver automated workflows to preprocess the data for the prediction model on Azure Databricks Platform. Data needed to be extracted from Azure Blob Storage and Azure SQL Data Warehouse, then the data cleansing process is conducted and further these files were loaded in the Azure Databricks File System which was shared with the DataRobot Team who implemented the prediction models and then loaded the data into the cube.

*Technologies: Cloud, Azure, Azure Databricks, Azure Blob Storage, Azure SQL Data Warehouse, Azure Databricks File System, SQL, Python, Pyspark*

### Maintain and optimize the production pipelines

The aim of this project was to develop, maintain and upgrade data pipelines to automate and optimize the production process on AWS Infrastructure.

Successfully reduced the execution time for the production pipeline by 66% and decreased the cost of Data Storage on Amazon Redshift by 50%.

*Technologies: Cloud, AWS, AWS Glue, Amazon S3, AWS Lambda, SQL, Python, Pyspark, Redshift, Power BI*

## EDUCATION

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*Aug 2014 - May 2018*

## **Bachelor's Degree in Environmental Engineering**

### **Delhi Technological University (DTU)**

Focused on environmental engineering principles and sustainable technologies. Participated in multiple research projects related to waste management and environmental impact assessment. Developed strong analytical and problem-solving skills through practical lab work and field studies. Active member of the Engineering Society and Environmental Club.

*Apr 2013 - Mar 2014*

## **12th Education in Physics, Chemistry, Mathematics**

### **LBS Senior Secondary School - FIITJEE**

Completed senior secondary education with specialization in science subjects. Achieved academic excellence with particular strength in mathematics and physics. Participated in various inter-school competitions and science exhibitions. Developed strong foundations in analytical thinking and scientific concepts that later supported engineering studies.

*Apr 2011 - Mar  
2012*

## **10th Education in English, Mathematics, Science, Social Studies, Sanskrit**

### **MVN School, Aravalli Hills**

Completed foundational education with a strong academic record across all subjects. Actively participated in various extracurricular activities including sports, cultural events, and science exhibitions. Received recognition for academic performance and leadership skills in group projects and classroom activities.