

RISHAV

Technology Leader & Freelance Data Consultant

As an independent freelancer and data expert, I provide specialized proficiency and flexible solutions tailored to each client's unique needs. My freelancing practice combines enterprise-level quality with the agility of independent work, offering freelance data engineering, visualization, and analytics services to clients worldwide. I take pride in delivering high-quality freelance solutions that match or exceed the standards of large consultancies.

Email:

chatterjeerishav96@gmail.com

WhatsApp: +91 9560382351

Location: Delhi

Experience: 7+ years

[LinkedIn](#) [GitHub](#) [Medium](#)

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 as both a freelance consultant and across top firms, I build scalable, interactive dashboards and analytics solutions—leveraging AI tools to boost productivity and drive smarter, data-informed decisions. My freelance practice specializes in providing enterprise-grade data solutions with the flexibility and personalized approach of an independent professional.

PROFESSIONAL EXPERIENCE

Project Leader

Dec 2022 - Present

Bitwise Solution Pvt Ltd, Pune, Maharashtra

- Expertise in designing and developing micro services, REST APIs using python.
- Rich work experience in Open Source frameworks like Apache Spark, Airflow and Flask framework.
- Have good knowledge of AWS services i.e. Batch, Glue, Lambda, S3, Redshift, DynamoDB, and DMS.
- Good experience in conducting proof-of-concept and developing prototypes.
- Have working knowledge of JIRA, Azure DevOps for project management and collaboration.
- Have knowledge of Docker.
- Hands on experience with Python, SQL, HTML, Shell Script and JavaScript.
- Used GITLAB, GITHUB, Bitbucket as a code repository and versioning.
- Good understanding of Algorithms, Data Structures and Design Patterns.

- Working knowledge in Relational Database Systems like SQL Server and PostgreSQL.
- Work experience on Windows, Linux and UNIX environment.
- Proficient with XML related technologies.
- Implemented CI/CD through Jenkins.
- Good analytical and programming capabilities coupled with excellent decision making skills.
- Excellent team player and ability to perform well under pressure.
- Good documentation skills and excellent technical, Communication and Interpersonal Skills with strong Client Interfacing Skills.
- Conducting/Attending regular Conference Calls to gather requirements and preparing MOM for the activities.
- Responsible for Analysis discussions with the end users, getting signoff, plan, lead, manage and execute a conversion process to move the existing lotus notes to development, UAT and Production deployment.
- Implemented/developed policies and procedures, standards and best practice methods.

Key Clients:

Gartner

Gartner SSC is a high visibility and critical project, the development for which was done years back, I am involved with managing the ever-increasing change requests and enhancements.,This project has many end users and consumers who validate the data regularly and reach out in case of any business logic updates or refinements are required.,There are several key players involved, including:.,OneGSD Team: They consume the data to further share it with various product owners.,Sales Executives: The party who sold the services to the client and manages the account with regularly checks-ins with the client.,Salesforce Team: This team enables the Sales Executives to monitor their tasks and achievements.,The pipelines are managed in Agile model in sprints and further the developments are tested and validated by the QA team and then we do the deployments.,Exposure to the complete development flow, in-depth understanding of the system, technical knowledge, immense work load and high work pressure, ability to identify areas which require optimization are some of the characteristic requirements of the project.

Data Engineering

Cloud Infrastructure

Team Leadership

Machine Learning

Enterprise Integration

Remote Work

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
- Led Data Integration for 15 brands and 50+ dosages from 20 vendors; processed over 100GB of structured and unstructured data

- Developed sales and demand forecasting dashboards using custom models like the Elapsed Days Model and moving average method
- Automated previously manual data ingestion pipelines, reducing processing time significantly
- Currently automating National Demand Reports using Qlik, Alteryx, SQL, and Python
- Built QA dashboards to monitor data quality and monthly sales projections for Oncology brands

Data Migration

Process Automation

Team Mentoring

Remote Work

Healthcare Analytics

Pharmaceutical Data

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

E-commerce Analytics

Retail Operations

Feb 2023 - Present

Technology Lead

The Weather Company, Pennsylvania, USA

- 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

Remote Work

TECHNICAL SKILLS

Python

- Pandas (Rating: 4.5/5)
- SQLAlchemy (Rating: 4.5/5)
- Selenium (Rating: 4.5/5)
- Pyspark (Rating: 4/5)
- Sklearn (Rating: 4/5)

SQL

- SQL Server (Rating: 5/5)
- Postgre SQL (Rating: 5/5)
- Spark SQL (Rating: 4.5/5)
- SnowSQL (Rating: 4.5/5)

ETL Tools

- AWS Batch (Rating: 4.5/5)
- AWS Glue (Rating: 4/5)
- Azure Databricks (Rating: 4/5)
- Alteryx (Rating: 3.5/5)

Analytical Tools

- Tableau CRM (Rating: 4/5)
- Microsoft Excel (Rating: 4/5)
- Qlik Sense (Rating: 3.5/5)
- Preset (Rating: 3.5/5)
- Power BI (Rating: 3/5)

Project Management

- JIRA (Rating: 4/5)
- Confluence (Rating: 3.5/5)
- Trello (Rating: 3.5/5)
- Figma (Rating: 3/5)

Soft Skills

- Effective Communication (Rating: 4.5/5)
- Client Management (Rating: 4.5/5)
- Problem-solving (Rating: 4.5/5)
- Prompt Engineering (Rating: 4.5/5)
- Leadership (Rating: 4/5)

Cloud Services

- AWS (Rating: 4.5/5)
- Azure (Rating: 3.5/5)
- Databricks (Rating: 3.5/5)

Data Warehouse

- Redshift (Rating: 4.5/5)
- Azure SQL DWH (Rating: 4.5/5)
- Snowflake (Rating: 4/5)

Big Data Tools

- Apache Spark (Rating: 3.5/5)
- HIVE (Rating: 3/5)

NOTABLE PROJECTS

Data Integration Pipeline

Led comprehensive data integration efforts for 15 pharmaceutical brands and 50+ dosages, processing over 100GB of structured and unstructured data from 20 vendors. Implemented robust cleansing and transformation pipelines to ensure data accuracy and consistency across all brand reporting. The solution

Forecasting Dashboards

Built comprehensive forecasting dashboards for Oncology brand leaders that incorporate custom analytical models like the Elapsed Days Model and moving average methods. These dashboards provide accurate monthly sales and demand projections, enabling strategic inventory management and sales

enabled brand managers to access reliable, unified data for decision-making.

Technologies: *Python, SQL, Alteryx, Qlik, Snowflake, Data Cleansing, Data Integration, ETL*

Process Automation

Led multiple automation initiatives to transform manual data ingestion and report generation processes into streamlined, automated workflows. Currently working on automating National Demand Reports using a combination of Qlik, Alteryx, SQL, and Python. These automation efforts have significantly reduced manual effort while increasing report frequency and accuracy for stakeholders.

Technologies: *Qlik, Python, Alteryx, SQL, Process Automation, Workflow Optimization, Report Generation*

Automated DSA Questions Tracker

Built an automation tool that helps track progress through NeetCode 150 DSA problems. The system automatically fetches questions, organizes solutions by category and difficulty, generates solution templates, validates implementations, and maintains a Git repository of solutions. Features include progress tracking, problem categorization, and automated testing.

Technologies: *Python, Jupyter Notebook, Git, Data Structures, Algorithms, Automation, Web Scraping, AI, Artificial Intelligence*

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.

planning. The solution has become a critical tool for executive decision-making.

Technologies: *Python, Qlik, SQL, Statistical Modeling, Forecasting, Data Visualization, Healthcare Analytics*

Profile Builder with Local LLM

Built an AI agent that extracts information from your portfolio and uses local Ollama LLM models to generate optimized professional profiles for platforms like Upwork, LinkedIn, and other job boards. The tool features data extraction from portfolios, platform-specific content generation, and automated profile creation, all while keeping your data private by using local AI models.

Technologies: *Python, Flask, Docker, Ollama, LLM, deepseek-r1, Web Automation, AI, Artificial Intelligence, BeautifulSoup*

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, Artificial Intelligence, AI, Web Development*

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

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

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

Bachelor's Degree in Environmental Engineering

Aug 2014 - May 2018

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.

12th Education in Physics, Chemistry, Mathematics

Apr 2013 - Mar 2014

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.

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

Apr 2011 - Mar 2012

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.

