

Anuj

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Experience

BHARAT FINCARE

Data and AI Engineer

May 2025 – Present

Delhi

- Developed intelligent and interactive financial tools like Credit and Bank Statement Analyzers for CM(credit Mangers), streamlining credit evaluation processes. Designed and implemented a scalable reporting architecture(AWS) using Power BI and MySQL, enabling insights. Enhanced data quality by automating error detection and correction through web scraping techniques.

Freelancing

Software Developer

Nov 2024 – Mar 2025

Gurgaon (Remote)

- Redesigned and enhanced a CSR website using AI-assisted tools, leveraging HTML, CSS, and JavaScript to improve user experience and performance.
- Assisted the organization in securing a free Google Grant for CSR initiatives, collaborating closely with Business Development Executives and SEO specialists.

Mandelbulb Technologies

Data Engineer

July 2023 – Sept 2024

Jaipur, Rajasthan

- Developed and optimized end-to-end data pipelines using **Microsoft Azure, ADF** and **Databricks**, boosting data processing by **20%**. Improved query performance and data quality, cutting errors by **15%** and reducing load times by **15%**. Integrated AI solutions with **open-source LLMs** and **OpenAI** to enhance data-driven decision-making.

Projects

Client Project: Fleet Data

- * **Data Ingestion:** Ingested real-time fleet data from **IoT devices** using **Azure Event Hubs**.
- * **Data Transformation :** Utilized **ADF** to orchestrate Spark transformations on the ingested data and enabling data preparation for real-time reporting..
- * **Data Mart Creation:** Created data marts in **Azure SQL Database** for efficient storage and quick access to insights.
- * **Optimization:**Enhanced data transformation process by implementing stored procedures, caching mechanism, and optimizing SQL queries, resulting in significant improvements in processing speed and overall efficiency.
- * **Power BI Reporting:** Developed interactive Power BI reports that enable real-time visualization of fleet performance, distance tracking, and theft monitoring for actionable insights.
- * **Operational Impact:** Facilitated real-time tracking of vehicle distance and theft monitoring, resulting in a **20% reduction** in operational costs and enabling data-driven decision-making for improved fleet management.

Client Project: AI Assistant

- **Development:** Created an AI Assistant using **Retrieval-Augmented Generation (RAG)** and **Azure OpenAI**, leveraging its stateless behavior for rapid interactions and accurate information retrieval.
- **Data Management:** Utilized **Microsoft Fabric OneLake** for efficient data storage and implemented **KQL** for quick data retrieval, achieving response times of **0.1 seconds** for queries.
- **Deployment:** Established **CI/CD** pipelines in **Azure App Services** for seamless deployment and continuous improvement, resulting in LLM output response times of **1-2 seconds**.

CIBIL Data Automation System

- **Business Understanding:** Identified high recurring costs from repetitive CIBIL data fetches via TransUnion and proposed a data caching solution.
- **Data Automation:** Developed a system to collect and extract key CIBIL data (PAN, name, score, etc.) from local CM source files.
- **Data Storage:** Implemented secure data storage using **PostgreSQL** and integrated with **AWS S3** for backup and accessibility.
- **Optimization:** Enabled efficient data retrieval to minimize redundant API calls, significantly reducing third-party API costs and response times.

Credit Analyzer

- **Business Understanding:** Collaborated with stakeholders to gather and analyze credit risk assessment requirements.
- **Application Development:** Designed and developed a desktop-based **Credit Analyzer** using **Python (PyQt6)** for the user interface and core logic.
- **Integration:** Deployed the solution as a **microservice** and exposed functionalities via **REST APIs** for seamless system integration.
- **Impact:** Streamlined credit evaluation workflows, reducing manual effort and improving decision accuracy.

Power BI Dashboard

- **Executive Reporting:** Created an interactive **Power BI dashboard** for C-level executives to track key business KPIs and overall performance.
- **Insights & Analysis:** Identified areas of underperformance and provided data-driven recommendations to enhance operational efficiency and strategic planning.
- **Collaboration:** Worked closely with business and technical teams to align dashboard metrics with organizational goals and decision-making needs.

Certifications

- **Microsoft Certified: Fabric Analytics Engineer Associate (DP-600)**
- **Agentic AI Certificate – DeepLearning.AI**

Education

Vivekananda Global University, Jaipur

Bachelor of Technology in Artificial Intelligence (GPA: 8.00)

Jaipur, Rajasthan

- **Relevant Coursework:** Data Structures and Algorithms (Python), Machine Learning, Artificial Intelligence, Statistics for Computer Science, Hadoop

Birla School, Pilani, Rajasthan

Class XII (GPA: 8.00)

Pilani, Rajasthan

- **Relevant Coursework:** PCM, MySQL, Arts

Technical Skills

Programming: Python, SQL, KQL

Big Data: Hadoop, PySpark, Azure Data Factory, Databricks, Azure Logic Apps, OneLake, Data Warehouse

Cloud: Microsoft Azure (Data Factory, Synapse, Fabric)

Data Visualization: Power BI

CI/CD: Git, Azure DevOps

Machine Learning: NumPy, Pandas, Scikit-learn, PyTorch, TensorFlow, Azure Cognitive Services, Azure OpenAI, Prompt Engineering, Mistral, Llama, Langchain, Crew AI, Azure AI Studio

Other: ADLS Gen2, Azure blob storage, Azure Key Vault, Delta tables, Kubernetes, Flask/FastAPI, Bash, Linux, SDLC, OOP, Data Modeling, ETL/ELT, EC2, PostgreSQL