

PRANEET SHEKHAR

DATA ENGINEER

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🌐 [Website](#)

Summary

A versatile software professional with experience in Data Engineering & expertise in full-stack development.

Experience — 2 years, 9 months

Oracle Financial Services Software | Associate Consultant

June 2022 – Present

- Developed a stored procedure to enable database serialization on AWS Redshift, reducing recurring manual effort by 100%.
- Optimized processes to reduce ingestion time by 85.71% for new data sources to the data warehouse from a week to a day.
- Created a framework enabling automated ingestion of large datasets historically.
- Built a Python utility with pandas to standardize raw files, ensuring data consistency.
- Awarded Team Appreciation Award for Q4 2024.
- Selected for the final round of an org-wide AI/GenAI hackathon(ongoing).

Projects

Real-time streaming pipeline | Kafka, Python, Postgres, Tableau

🔗 [GitHub repo](#)

- End-to-end real-time streaming pipeline using Kafka written in Python & Postgres for visualisation of stock market data in Tableau. Data sourced from Alpha Vantage API and running in a docker container.

'DocDoc' | React, Flask, MongoDB, AWS S3

- Allows users to store their medical documents by category: bills, prescriptions, reports.

'Travestor' | Flask, REST APIs

- Suggests travel destinations based on parameters like ease of attaining visa, currency strength vs INR and weather.

'RoadBuddy' | Flask, REST APIs, CI/CD(GitHub Actions/Heroku), Plotting(Folium/leaflet.js)

- Calculates the least polluted route between two places.

Bitcoin Price Prediction | Python, ML

- Forecasts next-hour prices using ARIMA & LSTM.

Skills

Platforms: Unix-like(macOS, Linux), Windows

Languages: Python, PL/SQL, Java, Shell Scripting, Javascript, HTML, CSS3

Technologies: Apache Airflow, Amazon Redshift, AutoSys, AWS S3

Tools: Git, Jira, Bitbucket, GitHub, JFrog, Jenkins

Frameworks: Flask, Spring Boot, React

Other Skills: ETL, Data Modeling, Data Warehousing, Agile, SDLC

Exposure to Databricks, Snowflake, Amazon MSK (Apache Kafka), EC2, MySQL, NoSQL(MongoDB, Cassandra), Apache Iceberg, Apache Spark (PySpark), Tableau, PowerBI

Certifications

Java(J2EE, J2SE, Java 11), Spring Boot, Microservices, Oracle RDBMS- Oracle

BI Foundations with SQL, ETL and Data Warehousing- IBM specialization certification

Oracle Cloud Infrastructure 2023 Foundations Associate

Foundations of User Experience (UX) Design - Google (ID: ALVJV7GFB JW3)

Mendix Low-Code Certified Rapid Developer- Certificate No. 33878

AI For Everyone- Deeplearning.ai

GenAI For Everyone- Deeplearning.ai

Education

Kalinga Institute of Industrial Technology

2017 – 2022

Bachelor of Technology in Information Technology | GPA 7.62/10

Bhubaneswar, India

Loyola School, Jamshedpur

2004 – 2017

ISC(XII) 83.20% | ICSE(X) 89.17%

Jamshedpur, India