

# PRANEET SHEKHAR

DATA ENGINEER

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## 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*