

Arjun Das

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Location: Kolkata, India

Expected Salary: ₹2,000,000

Professional Summary

Detail-oriented Data Engineer with 6 years of experience building robust data pipelines, modeling semantic data, and enabling real-time analytics across distributed systems. Skilled in Python, Spark, and semantic web technologies like RDF and SPARQL. Adept at transforming raw data into structured knowledge graphs that power intelligent applications.

Skills

- Python, PySpark, SQL
 - Apache Airflow, Kafka, Trino
 - RDF, OWL, SPARQL, R2RML
 - Ontop, OpenSearch, Docker
 - Data modeling, ETL orchestration
 - Git, CI/CD, Monitoring (Prometheus)
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Experience

InsightGrid Analytics – *Senior Data Engineer*

Jan 2020 – Present

- Designed and deployed semantic ontologies for HR document matching using OWL and R2RML.
- Built scalable ETL pipelines with Airflow and Spark to ingest and transform resume and job data.
- Integrated Ontop with Trino and OpenSearch to expose SPARQL endpoints over distributed data sources.
- Led initiative to automate secret management in containerized apps using Vault and environment templating.

DataForge Solutions – *Data Engineer*

Aug 2017 – Dec 2019

- Developed real-time data ingestion pipelines using Kafka and Spark Streaming.
 - Modeled customer behavior data into RDF graphs for recommendation systems.
 - Created SPARQL queries for semantic search and analytics dashboards.
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Education

M.Tech in Data Science*IIT Kharagpur – Graduated 2017*

- Thesis on semantic integration of heterogeneous data using virtual knowledge graphs.
 - Research assistant in the Semantic Web Lab.
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Certifications

- **Certified Data Engineer – Google Cloud** (2021)
- **SPARQL & RDF Expert – W3C Training** (2020)