Dhruv Tiwari

Gurugram, Haryana, India

dhruvtiwari756placement@gmail.com — +91-9646884773

linkedin.com/in/dhruvtiwari

Education

Babu Banarasi Das University Sep 2019 – May 2023

Bachelor of Technology (B.Tech) in Computer Science
72%

Hansraj Modern Public School (CBSE)

Senior Secondary – Physics, Chemistry, Mathematics
78%

Sun International School (CBSE)

Secondary School – High School Certification 8.0 CGPA

Technical Skills

- **Languages:** Python, SQL, Java (Core)

- **Web/Backend:** Django REST Framework, FastAPI, RESTful API Design

- **Cloud Platforms:** Google Cloud Platform (GCP), Google Kubernetes Engine (GKE), Google BigQuery

- **DevOps/Infra:** Docker, Kubernetes, Git, GitHub Actions, CI/CD Pipelines

- **Data Tools:** Pandas, NumPy, Looker Studio (Google Data Studio), Google Sheets

- **Databases:** PostgreSQL, Graph Databases (Hume), Firestore

- **ML/AI:** Scikit-learn, TensorFlow, Large Language Models (LLMs), Prompt Engineering

- **Others:** Google Apps Script, Celery, JSON, YAML

Certifications

- Google Associate Cloud Engineer (In Progress)

- Introduction to Machine Learning – Coursera

- Prompt Engineering for Developers – OpenAI / DeepLearning.ai

Professional Experience

GlobalLogic (Hitachi Project) May 2024 – Present
Software Engineer Gurugram, Haryana

- Built scalable microservices and RESTful APIs using Django REST Framework and PostgreSQL.

- Developed and deployed ML-based backend components on Google Cloud Platform (GCP) and Google Kubernetes Engine (GKE).

- Implemented LLM-powered automation tools using Gemini API, enhancing process efficiency and reducing manual tasks.

- Managed CI/CD pipelines and containerized deployments using Docker and Kubernetes.

- Automated reporting and internal workflows using Google Apps Script and integrated with Google Sheets.

- Created real-time dashboards on Google Data Studio for data visualization and process monitoring.

GlobalLogic (Hitachi) Nov 2023 – Apr 2024
Data Analyst – Data Engineering Gurugram, Haryana

- Maintained and optimized over 20+ production-grade ETL (Extract, Transform, Load) pipelines.

- Extracted and transformed raw data from 3rd-party sources, mapped to internal schemas using K-ETL framework.

- Worked with Hume (graph database) for debugging and visualizing live knowledge graphs.

- Transformed tabular data into RDF triples for Knowledge Graph ingestion.

- Built SQL dashboards on Looker Studio to monitor ingestion, transformation, and pipeline health.

- Performed data scraping and filtration using Python, Pandas, and regex logic.

Projects

- **AI-Powered Pipeline Monitor:** Developed an ML-driven pipeline monitoring system using Django, Celery, Airflow, TensorFlow, and GCP. Detected anomalies and logged incidents automatically.

- **LLM Email Assistant:** Designed an intelligent agent that parses user emails, extracts context, matches pipeline names using NLP, and triggers actions from Google Sheets via Gemini API.

- **Prompt-based Attendance Bot:** Created an AI chatbot that accepts natural language prompts to retrieve leave/late information from Google Sheets using Google Apps Script and Gemini 1.5 Flash.