

Gunjan Varyani

Data Scientist | Machine Learning Engineer

Irving, TX, USA | +1-858-265-7679 | gunjanvaryani916@gmail.com | LinkedIn | [GitHub](#)

SUMMARY

Data Scientist & ML Engineer with expertise in developing and deploying machine learning models for real-world applications. Strong proficiency in Python, cloud computing (AWS, GCP), MLOps, and NLP. Hands-on experience in Generative AI, deep learning, and real-time analytics. Passionate about leveraging AI to drive business impact.

TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Machine Learning & AI:** Regression, Decision Trees, Random Forest, XGBoost, LightGBM, Transformers, CNNs, RNNs, GANs
- **NLP & Generative AI:** Hugging Face, Word2Vec, BERT, GPT, LLaMA, RAG, LangChain, OpenAI API
- **MLOps & Deployment:** Flask, FastAPI, Docker, Kubernetes, Jenkins, GitHub Actions, CI/CD Pipelines
- **Big Data & Cloud:** AWS (S3, Lambda, SageMaker), GCP (BigQuery, Vertex AI), Apache Spark, Hadoop
- **Data Analysis & Engineering:** SQL, ETL, Feature Engineering, Model Evaluation (SHAP, LIME), Hyperparameter Tuning

PROFESSIONAL EXPERIENCE

Data Glacier, USA

Machine Learning Engineer (Apr 2024 - Present)

- Developed and deployed predictive ML models using XGBoost and Gradient Boosting, achieving **89% accuracy**.
- Built a web-based ML application using **Flask** and deployed it on **Google Cloud Platform (GCP)**.

- Automated model deployment with **CI/CD pipelines** using **Jenkins** and **Docker**.
- Performed extensive **EDA and feature engineering** for a bank marketing project, deriving actionable business insights.

Landmark Group, Dubai, UAE

Data Analyst (Aug 2018 - Aug 2022)

- Designed SQL-based **ETL pipelines** to process large-scale retail data, reducing query execution time by **40%**.
- Implemented **time series forecasting models** for sales prediction, improving demand forecasting accuracy by **30%**.
- Conducted advanced analytics on customer engagement, increasing campaign effectiveness by **20%**.

Chirag Contracting LLC, Dubai, UAE

Project Coordinator (Aug 2014 - Aug 2018)

- Led data-driven project tracking, reducing cost overruns by **15%** using predictive analytics.
- Developed **predictive maintenance models** to enhance equipment efficiency and reduce downtime.

PROJECTS

End-to-End Text Summarization | Python, TensorFlow, PyTorch, NLP, DevOps

- Built an NLP-based **text summarization model** using **BERT, T5, and GPT**.
- Deployed as a REST API with **Jenkins-based CI/CD** automation.
- Fine-tuned the model using **Hugging Face Transformers**, improving summarization accuracy.

Desktop Assistant | Python, NLP, Web Scraping, Speech Recognition

- Developed a virtual assistant capable of **voice commands, web search, and task automation**.
- Utilized **NLP and speech recognition** for interactive user experience.

Car Price Prediction | Python, ML, EDA, Flask

- Built a **Random Forest-based regression model**, achieving **91% accuracy** in predicting car prices.
- Developed an interactive web app using **Flask**, hosted on **Google Cloud**.

CERTIFICATIONS

- **Google Analytics** (Google)
- **GenAI Fundamentals** (Databricks)
- **EDA for Machine Learning** (Coursera)
- **Full Stack Data Science with GenAI** (Udemy)

EDUCATION

University of the Cumberland, USA

Master's in Data Science (Aug 2023 - Dec 2024)

Rajiv Gandhi Proudyogiki Vishwavidyalaya, India

B.Tech in Electronics & Telecommunication Engineering (Sep 2009 - May 2013)