

Harsh Gupta

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EDUCATION

Invertis University, Bareilly

Bachelor of Technology in Computer Science and Engineering

Bareilly, Uttar Pradesh

Graduation Date: Jun 2026

WORK EXPERIENCE

Kaggle {Profile Link}

Notebooks Master

Remote

Dec 2025 - Present

- Global Rank (Top 0.3%): Competed against a worldwide group of over 54,000 data scientists and consistently produced impactful analysis and code. Achieved the "Master" tier with a global rank of 165.
- Technical Documentation: Created over 30 notebooks that include an in-depth explanation of Exploratory Data Analysis (EDA) and Model Stacking to received 11 silver medals from the community for clarity, quality of visualization, and educational value provided within those notebooks.

RD INFRO Technology

Remote

Machine Learning Intern

Jan 2025 - Mar 2025

- Created a Credit Card Fraud Detection model that can detect anomalies in financial transaction activities. SMOTE methods were used to fix class imbalances thus improving precision on fraud detection.
- Built a Bank Customer Churn Prediction Engine using Machine Learning to identify areas of risk for customer attrition, and derived the most significant behavioral characteristics that drive retention.

PROJECT EXPERIENCE

Kaggle Community Hackathon [Project Link]

Remote

LifeSync Assistant - Multi-Agent GenAI System

Nov 2025 - Dec 2025

- Designed a Multi-Agent System using Google ADK and Gemini 2.5 Flash, orchestrating specialized agents for autonomous task automation.
- Implemented custom tools using Python decorators and memory services to enable real-time decision-making and workflow optimization

Playground Prediction Competition [Project Link]

Remote

Personality Prediction Simplified

Jul 2025 - Aug 2025

- Engineered a Support Vector Classifier (SVC) to classify personality traits, achieving 87% accuracy and 0.88 precision via hyperparameter tuning.
- Visualized decision boundaries and optimized feature scaling, securing a Kaggle Silver Medal for technical analysis and code quality.
- Analyzed complex datasets to develop innovative personality prediction models, achieving a top 620 ranking out of 4,329 participants and demonstrating advanced analytical proficiency.

Invertis University [Project Link]

Bareilly

Chest X-Ray Pneumonia Detection

Mar 2025 - May 2025

- Trained a Convolutional Neural Network (CNN) on 90,000+ medical images to detect pneumonia with 89% accuracy on the test set.
- Developed a scalable data pipeline and deployed the model as a Flask API to serve real-time diagnostic predictions.

SKILLS

Languages: Python, SQL, C++

Machine Learning : Scikit-learn, PyTorch, XGBoost, Random Forest, Pandas, NumPy, K-means

Data Engineering & Cloud : AWS (Lambda, Athena, SageMaker), ETL Pipelines, Flask, Docker

Visualization & Statistics : Tableau, PowerBI, Matplotlib, Seaborn, Plotly, Hypothesis testing, Microsoft Excel, Google sheets

ACHEIEVEMENTS

Top-Ranked Kaggle Contributor: Achieved Notebooks Expert status (global rank 165 out of 54,000+) and secured a Top 7% finish (rank 307 out of 4,381) in the "Binary Prediction with Rainfall Dataset" competition, showcasing advanced ML modeling and data analysis skills.

Algorithmic Problem-Solving: Solved over 250 Data Structures and Algorithms problems on LeetCode using C++, demonstrating strong proficiency in efficient coding, time/space complexity analysis, and optimization.

Deloitte Data Analytics Simulation: Completed a virtual job simulation focused on forensic technology, where performed data classification and developed a comprehensive business insights dashboard using Tableau.

British Airways Data Science Job Simulation : • Completed a simulation focussing on how data science is a critical component of British Airways' success and scraped and analysed customer review data to uncover findings to built a predictive model to understand factors that influence buying behaviour.

CERTIFICATION

Data Science - Indian Institute of Placement with Symposium **IIT Mumbai** [{certificate link}](#)

Python - Indian Institute of Placement with Symposium **IIT Mumbai** [{certificate link}](#)

Machine learning - Kaggle [{certificate link}](#)

SQL - HackerRank [{certificate link}](#)

Git and GitHub - 365DataScience [{certificate link}](#)

AI Model deployment on AWS - 365DataScience [{certificate link}](#)