

SAGAR SINGH

📞 +91-7404136341

✉ sagarghanghas077@gmail.com

👤 sagar-singh

📍 Noida, India

EDUCATION

Bachelor of Technology in Computer Science & Engineering	8.25 CGPA
<i>Maharshi Dayanand University</i>	<i>Aug 2021 – Jun 2025</i>
Intermediate	93%
<i>J.K.R Public School</i>	<i>Apr 2019 – Mar 2021</i>
High School	92%
<i>J.K.R Public School</i>	<i>Apr 2017 – Mar 2019</i>

EXPERIENCE

Business Intelligence Analyst (Contractual Role)	Sept 2025 – Present
<i>Cynet Systems</i>	<i>Noida</i>
<ul style="list-style-type: none">Designed interactive dashboards improving business performance visibility and reducing manual reporting effort by 35%.Executed robust validation and governance checks ensuring 100% accuracy across risk-related KPIs.Optimized Tableau workbooks and data connections, improving dashboard performance by 30% and automating recurring reporting to save 8 hours/week.Developed custom parameters, filters, and calculated fields enabling self-service analytics for non-technical users.	
Data Science Trainee	Jan 2025 - Jul 2025
<i>Simplilearn</i>	<i>Remote</i>
<ul style="list-style-type: none">Completed comprehensive 200+ hour certification covering Python programming, Machine Learning algorithms, SQL database management, and Tableau visualisation with hands-on capstone projects.Built end-to-end ML pipelines including data preprocessing, feature engineering, model training (regression, classification, clustering), hyperparameter tuning, and performance evaluation across 8+ real-world datasetsDeveloped 5+ production-ready projects including predictive models, customer segmentation analysis, and interactive dashboards, demonstrating proficiency in the complete data science workflowMastered core ML algorithms (Linear/Logistic Regression, Decision Trees, Random Forest, SVM, K-Means, Neural Networks) with implementation from scratch and using Scikit-learn and TensorFlow	

PROJECTS

Conversational AI Chatbot	<i>Python, LangChain, OpenAI API, RAG, Streamlit</i>
<ul style="list-style-type: none">Developed a domain-specific chatbot using retrieval-augmented generation (RAG) achieving 85% answer accuracy on technical queriesImplemented prompt engineering techniques to optimize response quality and reduce hallucinationsIntegrated vector databases (Pinecone/FAISS) for semantic search across 10K+ documentsBuilt REST API endpoints for real-time inference with <200ms latency	
Real-Time Object Detection System	<i>TensorFlow, OpenCV, YOLOv8, Python, MLflow, Git</i>
<ul style="list-style-type: none">Built a real-time object detection pipeline for vehicles, pedestrians, and traffic signs achieving 89% mAP on COCO.Improved low-light detection accuracy by 12% using custom augmentation strategies.Optimized inference with TensorRT to reach 30 FPS, reducing latency from 45ms to 18ms.Tracked experiments and versions using MLflow and Git.	
Test Bench Time Optimization	<i>Python, TensorFlow, XGBoost, Scikit-learn, Pandas</i>
<ul style="list-style-type: none">Reduced vehicle test duration by 12–15% using ensemble deep learning models.Implemented an MLOps workflow with automated tuning, DVC version control, and MLflow tracking.Processed 420K+ records and used PCA to reduce dimensionality from 3700 to 300 features.	

Uber Rides Analytics Dashboard

Tableau, SQL, Excel

- Designed an interactive Tableau dashboard analyzing **50K+** **Uber ride records** for revenue, cancellations, and ratings.
- Built KPIs for ride volume, revenue by vehicle type, cancellation trends, and rating comparisons.
- Improved reporting efficiency by **40%**, cutting manual analysis time from 5 hours/week to under 3 hours/week.

SKILLS

Programming & Framework: Python (Pandas, NumPy, TensorFlow, Scikit-learn, XGBoost), SQL

Data & BI Tools: MLflow, Tableau, Looker Studio, Excel

ML/DL Concepts: Deep Learning, EDA, Statistical Analysis, ML Workflows, Feature Engineering, Hyperparameter Optimisation, Model Training, Deployment

Other Tools: JupyterLab, Git, VSCode, Google Analytics