Shubham Khatri

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GitHub — LinkedIn
New Delhi, India

Education

B.Tech – Instrumentation and Control Engineering — 2024–2028
Netaji Subhas University of Technology

AISSCE / CBSE – Class XII — 2023
DAV Centenary Public School, Narela, Delhi

AISSCE / CBSE – Class X — 2021
DAV Centenary Public School, Narela, Delhi

Technical Skills

Languages: Python, C++, Java, HTML, CSS, JavaScript, SQL
Libraries/Frameworks: TensorFlow, LangChain, Scikit-Learn, Pandas, Flask
Tools: GitHub, WordPress, Android Studio, Figma
Certifications: Machine Learning Specialization (Andrew Ng), Kaggle Intro/Intermediate ML

Projects

Fluentiq – RAG-Powered Document Q&A AI System [Link]

- Built an intelligent Q&A system using Retrieval-Augmented Generation (RAG)
- Implemented semantic search with FAISS and Google Gemini AI
- Improved latency 50% by separating vector creation from inference
- **Tech Stack:** Python, LangChain, FAISS, Streamlit, Google AI API

F1 Constructor Performance Predictor [Link]

- Developed a web app to predict F1 points using ML and historical data
- Created 15+ features (win rate, consistency score, avg. position) using Pandas
- Trained Gradient Boosting and Random Forest models; R^2 ¿ 0.85
- Built "what-if" editable prediction interface + EDA visualizations in Plotly
- Deployed robust Streamlit app with error handling, caching, outlier detection

Achievements and Awards

- 3rd place – Machine Learning Bootcamp, IEEE NSUT (model-building and problem-solving)

Extra-Curricular & Volunteering

- Deloitte Australia Data Analytics Job Simulation on Forage – June 2025
- Volunteer – NSS-organized social impact events
- **IEEE NSUT – Executive Committee Member**
- **Event Management Roles:**
  - POC at Resonanz – logistics, promotion, and coordination
  - POC at MOKSHA – managed cultural events, ticketing, hospitality