SARTHAK BANSAL

Aspiring AI & Machine Learning Engineer

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CAREER OBJECTIVE

Aspiring AI & Machine Learning Engineer with hands-on experience in Python, Machine Learning, NLP, and Deep Learning. Seeking an entry-level role to build scalable AI solutions and solve real-world problems using data-driven approaches.

EDUCATION

- MCA (AI & ML) – KR Mangalam University (Ongoing)
  (Powered by Microsoft Certifications & IBM Academic Support)
- **Diploma in Artificial Intelligence & Machine Learning** – Kurukshetra University
- **BBA (Computer Aided Management)** – GGSIPU

PROJECT

AI & Machine Learning Projects

- House Price Prediction: Regression, feature engineering, model evaluation
- Spam Email Classifier: NLP, TF-IDF, supervised ML
- Recommendation System
- Sentiment Analysis
- AI Chatbot (NLP-based)
- Resume Screening AI
- Face Recognition System
- Stock Price Prediction

Development & Other Projects

- AI Anchor
- Game Development (4 Games)
- UI/UX Design Project
- Personal Portfolio Website

CERTIFICATIONS

- Generative AI Certification – Google
- Machine Learning with Python – IBM
- Advanced Certification in Basic C# & Unity
- Certificate of Bluetooth Robotics

SKILLS

1. **Artificial Intelligence & Machine Learning**
   - Machine Learning
   - Deep Learning
   - Neural Networks
   - Natural Language Processing
   - Generative AI
   - Recommendation Systems

2. **Programming & CS**
   - Python
   - Data Structures & Algorithms
   - Object Oriented Programming
   - Operating Systems
   - Database Management Systems
   - Software Engineering
   - Agile Methodology

3. **Maths & Statistics**
   - Probability
   - Descriptive & Inferential Statistics
   - Linear Algebra
   - Model Evaluation
   - Bias–Variance Tradeoff

4. **Tools & Technologies**
   - NumPy
   - Pandas
   - Scikit-learn
   - SQL
   - Git & GitHub
   - Jupyter Notebook
   - Power BI / KNIME (Basic)

LINKS

GitHub: https://github.com/sarthakbansal2004

Portfolio: https://sarthakbansal2004.github.io/PERSONAL-WEBSITE/