

PROFESSIONAL SUMMARY

Self-driven Machine Learning Engineer and Data Scientist with hands-on experience in building AI-powered systems, NLP chatbots, and intelligent dashboards. Demonstrated success in automating workflows, deploying ML models, and integrating LLMs with business applications. Skilled in Python, SQL, Django, and popular ML libraries with a keen focus on solving real-world problems using data. Passionate about continuous learning and adapting to emerging AI technologies.

TECHNICAL PROFICIENCY

<b>Programming &amp; Scripting</b> Python, SQL, JavaScript, Bash	<b>Machine Learning &amp; AI</b> Scikit-learn, XGBoost, TensorFlow, OpenAI APIs, NLP, LLMs, FAISS, Hugging Face	<b>Data Analysis</b> Pandas, NumPy, Exploratory Data Analysis (EDA), Feature Engineering, Model Evaluation	<b>Visualization</b> Matplotlib, Seaborn, Plotly, Dash
<b>Databases</b> MySQL, PostgreSQL, SQLite	<b>Backend Development</b> Django, Django REST Framework, Node.js	<b>Tools &amp; Platforms</b> Git, GitHub, Vercel, Postman, Jupyter, Google Colab, AWS (Basics), GCP (Basics)	<b>Other Concepts</b> Data Cleaning, API Integration, Time Series Analysis, Chatbot Development, Data Pipelines

- PROJECTS
- AI-Powered Stock Sentiment Recommender**, GitHub Repo: <https://github.com/mohitsrma7014/Stock-Trading-Recommendation-System>
  - Built a stock trading insight tool using news sentiment analysis and financial APIs.
  - Stack: Python, Django, NewsAPI, TextBlob, JavaScript.
  - Enabled users to receive real-time stock sentiment scores and trading suggestions.

**Multi-Document AI Chatbot (LLM + Semantic Search)**, GitHub Repo: [https://github.com/mohitsrma7014/Chat\\_with\\_multiple\\_files](https://github.com/mohitsrma7014/Chat_with_multiple_files)
  - Developed a chatbot that handles queries across multiple documents using embeddings + FAISS.
  - Stack: Python, DRF, OpenAI Embeddings, Streamlit (optional UI).
  - Allowed domain-specific Q&A with context preservation across documents

**Employee Analytics Dashboard**
  - Created a dashboard to track employee attendance, salary, and KPIs using internal company data.
  - Automated HR reporting, cutting manual effort by 70%.
  - Stack: Django, MySQL, Matplotlib, Pandas.

**Student Skill Prediction & Adaptive MCQ Testing System** **Smart India Hackathon Finalist (Mentor)**
  - Adaptive test system to change difficulty based on real-time answers.
  - Integrated ML logic to predict student performance levels.
  - Built in Django + custom scoring algorithm. Improved test reliability by 30%.

**House Price Prediction**
  - Applied regression algorithms to predict house prices using Kaggle dataset.
  - Performed EDA, feature selection, and evaluated model with R<sup>2</sup>, MAE.
  - Tools: Python, scikit-learn, Pandas, Seaborn, XGBoost.

PROFESSIONAL EXPERIENCE

<b>Data Scientist &amp; Automation Developer</b> , SSB Engineers Pvt. Ltd. <ul style="list-style-type: none"><li>Deployed production and quality dashboards, increasing efficiency by 40%.</li><li>Built real-time traceability system reducing compliance errors by 60%.</li><li>Developed an NLP assistant for database querying and internal insights.</li><li>Automated HR reporting pipeline using Python + SQL + Django.</li></ul>	Apr 2024 – Present   Alwar, Rajasthan, India
<b>AI/Backend Developer (GPT Integrations)</b> , Auring Technologies <ul style="list-style-type: none"><li>Integrated GPT APIs to automate customer support workflows.</li><li>Created API documentation and supported deployment of LLM-powered agents.</li></ul>	Jan 2024 – Apr 2024   Gurugram, Haryana, India
<b>Data Science Intern</b> , National Engineering Industries Ltd. (NBC CK Birla Group) <ul style="list-style-type: none"><li>Built live dashboards for manufacturing KPIs using Django &amp; Pandas.</li><li>Automated data collection from shop-floor machines to central database.</li><li>Optimized OEE metrics and visualized daily trends.</li></ul>	Sep 2023 – Nov 2023   Jaipur, Rajasthan, India

EDUCATION

<b>B.Tech in Mechanical Engineering</b> , Modern Institute of Technology and Research Centre	2024   Alwar, Rajasthan, India
<b>Senior Secondary (12th)</b> , RBSE	2020   Alwar, Rajasthan, India
<b>Secondary (10th)</b> , RBSE	2018   Alwar, Rajasthan, India

CERTIFICATIONS

• Minor in Artificial Intelligence, IIT Ropar 2024	• 100 Days of Code: Python Pro Bootcamp, Udemy - 2024	• Machine Learning with Hands-on Projects, InternPi - 2023
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ADDITIONAL

Available for relocation and remote opportunities  
Passionate about AI safety, LLMS, and real-world automation