Lokesh Kumar

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🌐 Portfolio: lokesh-datascience

PROFESSIONAL SUMMARY

Fourth year Artificial Intelligence and Data Science student with 3 years of hands-on Python programming experience. Passionate about Artificial Intelligence and Machine Learning with proven ability to develop efficient solutions and learn new technologies quickly. Seeking opportunities to apply technical skills in a dynamic professional environment.

TECHNICAL SKILLS

Programming Languages:
Python (3 years), SQL (Intermediate), R (Basics)

Python Libraries/Frameworks:
Scikit Learn, TensorFlow, PyTorch, LangChain, LangGraph, Selenium, FastAPI, Flask, Django

Tools & Technologies:
Git, MySQL, VS Code, PyCharm, AWS

Other Skills:
Data Analysis, API Development

EXPERIENCE

AI Engineer | June – August (3 months)
APANA TIME, REMOTE INTERNSHIP

Relevant Skills: Project management, Chatbot development, Vector database creation, Large Language Models (LLMs), Web scraping, Teamwork

Relevant Work: Developed an intelligent chatbot under the guidance of my mentor/manager, designed specifically for AI/ML/DS domain knowledge. The chatbot helps students gain a deeper understanding of domain-specific concepts by answering queries and providing structured explanations. It is capable of performing data cleaning and visualization automatically, leveraging the Google Gemini API. Additionally, the model can extract and process information from multiple data sources, including images, CSV files, and PDFs. I implemented RESTful APIs using FastAPI to seamlessly integrate the chatbot into web applications.

KEY PROJECTS

Data Analyst Expert Bot | GitHub Link
Technologies: Python, LLM, RAG, FastAPI, Streamlit, FAISS, HuggingFace
A domain-specialized chatbot trained to answer data analyst-related queries using FastAPI, FAISS vector store, HuggingFace embeddings, and a Streamlit interface.

Zepto Case Study (AlgoVision Finalist Project) | [GitHub Link](#)
Technologies: Python, Scikit-learn, Matplotlib, Seaborn, Plotly
Built PowerBI dashboards, presented a Go-To-Market strategy, and performed customer segmentation based on Zepto's business data in a competitive environment.

Dowry Demand Prediction | [GitHub Link](#)
Technologies: Machine Learning, Data Science, Feature Engineering, XGBoost, Model Evaluation
Developed a predictive ML model on a sensitive social issue, combining both numerical and categorical features using preprocessing pipelines and advanced models.

EDUCATION

Bachelor of Technology | Expected Graduation: June 2026
Chhattisgarh Swami Vivekananda Technical University, Durg, Chhattisgarh
Relevant Coursework: Database management, Machine Learning, Data Science, Artificial Intelligence
CGPA: 8.29

ADDITIONAL INFORMATION

- **Certifications:** GeeksforGeek-Mastering Generative AI and ChatGPT & AWS Certified Cloud Practitioner Exam
- **Activities:** 4th position in AlgoVision Data Analysis Hackathon by IIT Roorkee, IIT Kharagpur Data Science Hackathon finalist
- **Languages:** Hindi, English, Chhattisgarhi