

# Lokesh Kumar

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Portfolio: [lokesh-datascience.github.io/portfolio/](https://lokesh-datascience.github.io/portfolio/)

## PROFESSIONAL SUMMARY

Third-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, Gen AI, Agentic AI, MCP Servers

## 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](#) | [Webpage 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:** 4<sup>th</sup> position in AlgoVision Data Analysis Hackathon by IIT Roorkee, IIT Kharagpur Data Science Hackathon finalist
- Languages:** Hindi, English, Chhattisgarhi