

# PRIYANSHU

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## About Me

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Aspiring Generative AI and Data Science professional skilled in building intelligent applications using LLMs, RAG, and AI agentic frameworks. Proficient in LangChain, OpenAI, LangGraph, machine learning, deep learning, and statistical modeling, with expertise in data analysis using Python, Power BI, Tableau, and Alteryx.

## Skills

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**Generative AI:** LangChain, OpenAI, LLMs, LangGraph, Retrieval-Augmented Generation (RAG), Agentic AI Frameworks

**Data Science & Machine Learning:** Python, Machine Learning, Deep Learning, Natural Language Processing, Statistics

**Frameworks & Version Control:** TensorFlow, Streamlit, Alteryx, Flask, Git, GitHub

**Languages:** Python, C++, C, Java, SQL, HTML, CSS

**Data Analysis & Visualization Tools:** Power BI, Tableau, Matplotlib, Seaborn, Pandas, Jupyter Notebook, VS Code

**Soft Skills:** Communication, Problem Solving, Teamwork, Time Management

## Experience

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### Boston Consulting Group (BCG)

July/2025 – Present

*Junior Analyst*

- Streamlined 40+ slides PowerPoint deck creation using ThinkCell and Generative AI, reducing preparation time from hours to 2–3 minutes.
- Applied Generative AI to identify 5 critical features in textual data, boosting accuracy of client analyses..
- Developed end-to-end pipeline on the Verint platform from a 125-question survey to interactive dashboards using SQL, JavaScript including data preprocessing and reporting.

### ZS Associates

Feb/2025 – Present

*BTSA - Data Engineering Intern*

*Gurugram, Haryana*

- Wrote and optimized 10+ complex SQL queries and stored procedures, automating 4% of manual reporting tasks and ensuring accurate validation across multi-million row datasets.
- Designed and deployed 2+ scalable data models and ETL pipelines supporting KPI-based reporting across business units.

### Adobe

June/2024 – Aug/2024

*Summer Intern*

*Noida, Delhi-NCR*

- Streamlined survey processes by designing and deploying an efficient pipeline, reducing manual effort by 300+ hours annually and increasing operational efficiency by 6%.
- Automated Service Desk workflows for 100+ team members, boosting response time and accuracy.
- Created a Generative AI system to answer user queries using Adobe resources, handling over 5,000 queries per month.

## Education

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### Maharaja Agrasen Institute of Technology, Delhi

Dec/2021 - May/2025

*Bachelors of Technology in Computer Science Engineering*

*CGPA : 9.4/10*

## Projects

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**InsightRAG** | *Generative AI, LangChain, FAISS, OpenAI, NLP, Python, Streamlit*

- Built a RAG chatbot for semantic search across 50+ PDFs, enabling users to retrieve information with metadata-aware, cited responses and reducing manual search effort.
- Optimized FAISS vector search and document chunking, improving relevance of retrieved content and reducing response time by 5–10%.
- Implemented a Streamlit chat interface handling 10–20 concurrent users with real-time LLM responses.

**PII Data Detection** | *NLP, Keras, TensorFlow, Deep Learning, NER, Machine Learning, Python*

- Designed an advanced PII detection system using NER and machine learning algorithms, achieving 87% accuracy.
- Conducted extensive data preprocessing, EDA, and model evaluation, reducing manual review time by 30%.
- Utilized Keras and TensorFlow to build and optimize the detection model, improving detection efficiency by 15%.

## Achievements/Certifications

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- Certifications & Training:** Getting Started with AI by IBM, Data Science Course by (E-Cell IIT Roorkee), SQL certification by HackerRank
- Elevated data solving and analysis capabilities through consistent practice, finding solutions for 1,000+ data structures and algorithms problems on **LeetCode** and **CodeChef** platforms, improving efficiency.
- Advanced past college-level round to represent MAIT in Smart India Hackathon 2023, showcasing innovative tech solutions at the national level.