





# Deep

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## Education

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**Thapar Institute of Engineering & Technology, Patiala**

Master of Computer Applications (MCA) | CGPA: 8.18

**Kurukshetra University, Kurukshetra**

Bachelor of Science (B.Sc.) | CGPA: 6.75

## Experience

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**Machine Learning Intern**, Cognifyz Technology (Remote)– [GitHub Link](#)

- Completed a structured 4-task internship focused on practical ML and data science using restaurant datasets.
- Built and evaluated classification models, collaborative filtering recommendation system, and performed geographical analysis.
- Hands-on experience in data preprocessing, visualization, and model optimization in a production workflow.

## Projects

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**E-commerce Sales Analytics Dashboard** | Power BI, MySQL, DAX – [Project Link](#)

- Built BI dashboard analyzing sales by category, customer, region, and time.
- Cleaned data in Power Query; used DAX to create dynamic KPIs.
- Delivered insights on revenue, customer behavior, and profit trends.

**AI-Powered Ticket Management System** | Node.js, Express, MongoDB, Gemini API – [Project Link](#)

- AI-driven system to auto-categorize, prioritize, and assign tickets.
- Integrated Gemini API for NLP-based classification and notes.
- Implemented role-based access with JWT and email workflows.

**End-to-End Medical AI Chatbot** | Python, LangChain, HuggingFace, Pinecone, Flask – [Project Link](#)

- AI chatbot to answer medical queries from a custom knowledge base.
- Used Sentence-Transformers + Pinecone for semantic search.
- Modular Flask backend with real-time LLM-powered responses.

## Technical Skills

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**Languages:** Python, C++, JavaScript, SQL

**Databases:** MySQL, MongoDB, Pinecone

**Frameworks/Libraries:** Node.js, Express.js, Flask, Pandas, NumPy, LangChain, HuggingFace, OpenCV

**Data Tools:** Power BI, DAX, Power Query, Excel

**Platforms:** Git, GitHub, VS Code, Jupyter Notebook, Postman

## Certificates

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- **Kaggle** – Intro to Machine Learning – [Certificate Link](#)
- **Be10x** – Power BI Workshop – [Certificate Link](#)
- **Deloitte Australia (Forage)** – Data Analytics Job Simulation – [Certificate Link](#)
- **Tata (Forage)** – GenAI Data Analytics Job Simulation – [Certificate Link](#)