Nagpal Deep Santoshkumar

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Professional Summary

Computer Science graduate skilled in building AI-powered applications and full-stack ML systems. Proficient in Python, NLP, LangChain, and scalable deployments using Hugging Face and Streamlit. Strong foundation in DSA, backend APIs, and ML pipelines. Eager to contribute to real-world AI systems and scalable tech solutions.

Education

Gujarat Technological University   Ahmedabad, India
B.Tech. in Computer Science and Engineering   Oct 2021 – May 2025
CGPA: 8.46 / 10

Technical Skills

- **Languages:** Python, Java, C, JavaScript, SQL
- **Libraries/Frameworks:** Scikit-learn, PyTorch, LangChain, Hugging Face, spaCy, Flask, FastAPI, Streamlit
- **Tools:** Git, VS Code, Jupyter Notebook, Google Colab, Render
- **Databases:** MySQL
- **Concepts:** Data Structures and Algorithms, Object-Oriented Programming, REST APIs, Data Visualization

Projects

OneStream – Anime Recommendation System   *Jul 2025*

- Built a personalized anime recommender using collaborative and content-based filtering.
- Developed APIs with Flask/FastAPI and deployed the full-stack app on Render.

VitaBot – AI-Powered Medical Chatbot   *Mar 2025*

- Designed a privacy-aware chatbot using Mistral-7B, LangChain, and FAISS on medical PDFs.
- Enabled semantic document search and context-based response generation via Streamlit.

Travel IQ – Booking Analytics & QA System   *Mar 2025*

- Built a LangChain-powered RAG system to answer booking-related queries using LLMs.
- Created a Streamlit interface for interactive QA over structured hotel data.

Internship Experience

PRP Technologies   *Jan 2025 – Apr 2025*
Data Science Intern – Ahmedabad, India

- Completed a 3-month internship focused on real-world data preprocessing and ML workflows.
- Cleaned business datasets, ran exploratory analysis, and helped evaluate basic models.
- Contributed to team deliverables while enhancing communication and problem-solving skills.

Certifications

- Natural Language Processing with Python – Udemy   *Feb 2025*
- AI Fundamentals – IBM SkillsBuild   *Jul 2025*
- Getting Started with AI – IBM SkillsBuild   *Jul 2025*