Deep Nagpal

Ahmedabad, Gujarat, India
Email: deepnagpal147514@gmail.com   **Phone:** +91-7984476380
LinkedIn: linkedin.com/in/deep-nagpal-15405d   **GitHub:** github.com/shanks1554

Professional Summary

Computer Science graduate passionate about AI and ML applications. Experienced in building end-to-end AI solutions using Python, LangGraph, FastAPI, and Streamlit. Strong foundation in data structures, backend APIs, and deploying ML pipelines. Eager to contribute to real-world AI systems and innovative product development.

Education

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

Technical Skills

- **Languages:** Python, JavaScript, SQL, Java, C

- **AI/ML Libraries and Frameworks:** Scikit-Learn, PyTorch, Hugging Face Transformers, spaCy, FastAPI, Flask, Streamlit

- **LLM Tools:** LangChain, LangGraph, FAISS, Gemini API, IBM Granite

- **Tools:** Git, Render, VS Code, Google Colab, Jupyter Notebook, IBM Cloud

- **Key Concepts:** Machine Learning, NLP, Prompt Engineering, Data Structures and Algorithms

Projects

CareConnect – AI-Based Healthcare Assistant   *Aug 2025*
Live: care-connect-6by4.onrender.com

- Built an AI based mental health assistant using LangGraph and IBM Granite.

- Used FastAPI for backend and Flask for chatbot interface.

TalentSage - AI-Powered Resume Evaluator   *Jul 2025*
Live: telentsage.onrender.com

- Developed an AI-based resume screening tool using LangGraph and Gemini API.

- Built with FastAPI and Flask; deployed web application on Render.

VitaBot – Medical Chatbot with LLMs   *Mar 2025*
GitHub: github.com/shanks1554/Vitabot

- Developed a privacy-aware chatbot using Mistral-7B, LangChain and FAISS over medical PDFs.

- Implemented context retrieval and Streamlit UI for semantic response generation.

Internship Experience

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

- Preprocessed real-world datasets and contributed to ML model evaluation.

- Gained experience in exploratory data analysis and collaborative development.

Certifications

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