Vishesh Sharma

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EXPERIENCE

HCL Infotech   **Jul, 2025 – Aug, 2025(45days)**

AI & Machine Learning Intern

- **Product: RAG based AI chatbot(NeoMind AI)** – LangGraph , LangChain , Deep Learning
    - Link: https://github.com/visheshsharma1708/chatbot-project-internship-final-project-
    - Developed a Retrieval-Augmented Generation (RAG) based AI chatbot integrating LangGraph and Ollama LLaMA 3, an open-source large language model, ensuring a fully free and open-source solution.
    - Applied deep learning, neural networks, and advanced NLP techniques to improve chatbot accuracy and dynamic knowledge retrieval.
    - Created interactive dashboards using Streamlit for visualization of model insights and real-time performance tracking.
    - Performed data preprocessing, feature engineering, and thorough model evaluation to optimize system robustness and efficiency.

Pro Creative   **Jul, 2024 – Aug, 2024(30days)**

Web Development Intern

- **Product: Library Management System** - *Django, Django REST Framework, SQLite*
    - Link: https://github.com/visheshsharma1708/library_management
    - Built a **RESTful API** for managing books, members, and lending records using Django and Django REST Framework.
    - Implemented core features including **CRUD** operations, authentication, and data serialization.
    - Designed and tested scalable backend components using class-based views, **Django ORM**, and **Postman**.

PROJECTS

- **Project: Restaurant Name & Menu Generator** – *LangChain , Ollama llama3 , Deep Learning*
    - Link: https://github.com/visheshsharma1708/resturantnameandmenugenration
    - Built a LangChain-powered app using Ollama LLaMA 3 to generate unique restaurant names and menu dishes based on input cuisine.
    - Leveraged deep learning and NLP for creative, customized restaurant branding and dish suggestions.
- **Project: Resume Analyzer Web App** - *Django REST Framework, Python, PDF/DOCX parsing*
    - Link: https://github.com/visheshsharma1708/Resume-Analyzer
    - Developed backend API to parse and analyze resumes (PDF/DOCX) using Python libraries and TF-IDF for job-description skill matching.
    - Implemented secure file uploads, JWT authentication, and keyword matching to provide resume optimization suggestions.
- **HackCrux 2025 (Hackathon): Medical Chatbot Web App** - *Flask*
    - Link: https://github.com/visheshsharma1708/Medical-chatbot
    - Created a Flask-based chatbot delivering symptom-based medication recommendations through rule-based matching logic.
    - Designed a responsive web UI with dynamic routing and result rendering.

EDUCATION

Rajasthan Technical University   **Aug 2023 – July 2027 (Pursuing)**
Bachelor of Technology, Artificial Intelligence & Data Science   8.65 CGPA

Rajasthan Board of Secondary Education   **May, 2023**
Senior Secondary Education (Class 12)   90 percent

SKILLS

Python | Machine Learning | Deep Learning | Neural Networks | Natural Language Processing (NLP) | Data Science | Scikit-Learn|Tensorflow| Pandas | NumPy | Matplotlib | Seaborn | LangChain | LangGraph | Streamlit | Ollama LLaMA 3 | Django | Django REST Framework | Flask | FastAPI | SQL (SQLite, MySQL) | Data Preprocessing | Model Development & Evaluation | API Development | Git & GitHub | Data Visualization | Postman | Algorithms & Data Structures