

Ankit Sharma

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SUMMARY

Third-year B.Tech Computer Science student at VIT Bhopal with hands-on experience in Machine Learning, Deep Learning, NLP, and Generative AI. I completed an AI Research Internship at CodingJr, where I used data science and AI techniques on real-world projects. I am currently focused on developing innovative ML and AI-driven applications, with a strong foundation in Python programming and model development.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java

Frameworks: Hugging Face Transformers, LangChain, TensorFlow, Keras, PyTorch

Libraries & Tools: Scikit-Learn, NumPy, Pandas, Flask, Git, OpenCV

PROJECTS

Brain Tumor Detection System

Nov 2024 – Apr 2025

Deep Learning Project

Python, CNN, Transfer Learning

- Built a deep learning model using CNN and transfer learning to detect and segment brain tumors in 3D BraTS MRI images
- Developed a user interface for image upload and instant tumor prediction

Heal-BridgeAI

Mar 2025 – Aug 2025

Machine Learning Web App

Python, Flask, GitHub, Live Demo

- Created a web-based disease prediction system using machine learning and a categorized symptom database
- Developed a Flask app for real-time health predictions from user-selected symptoms

Llama 3 Chatbot

Jan 2026

Generative AI Project

Python, Llama 3, Langchain

- Developed a conversational chatbot using the open-source Llama 3 model for natural language understanding and response generation

EXPERIENCE

AI Research Intern

April 2025 – July 2025

CodingJr

Remote

- Worked on Generative AI projects involving LLMs, chatbot development, and AI-driven applications in the education domain
- Applied Python and ML frameworks to build intelligent solutions and enhance NLP capabilities
- Gained hands-on experience with transformer architectures, Generative AI, and advanced LLM research

EDUCATION

Vellore Institute of Technology, Bhopal

Bhopal, India

B.Tech in Computer Science, GPA: 8.75/10 (till 6th Sem)

Jun 2023 – Present

Jawahar Navodaya Vidyalaya, Kothipura, Bilaspur, H.P.

Bilaspur, India

CBSE Class XII, 84.4%

April 2022

Jawahar Navodaya Vidyalaya, Kothipura, Bilaspur, H.P.

Bilaspur, India

CBSE Class X, 92.8%

May 2020

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Data Science Professional
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional