

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 <i>Deep Learning Project</i>	Nov 2024 – Apr 2025 <i>Python, CNN, Transfer Learning</i>
Heal-BridgeAI <i>Machine Learning Web App</i>	Mar 2025 – Aug 2025 <i>Python, Flask, GitHub, Live Demo</i>
Llama 3 Chatbot <i>Generative AI Project</i>	Jan 2026 <i>Python, Llama 3, Langchain</i>

• 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

• 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

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

EXPERIENCE

AI Research Intern <i>CodingJr</i>	April 2025 – July 2025 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 <i>B.Tech in Computer Science, GPA: 8.75/10 (till 6th Sem)</i>	Bhopal, India Jun 2023 – Present
Jawahar Navodaya Vidyalaya, Kothipura, Bilaspur, H.P. <i>CBSE Class XII, 84.4%</i>	Bilaspur, India April 2022
Jawahar Navodaya Vidyalaya, Kothipura, Bilaspur, H.P. <i>CBSE Class X, 92.8%</i>	Bilaspur, India May 2020

CERTIFICATIONS

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