Ankit Sharma

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SUMMARY

Third-year B.Tech Computer Science student at VIT Bhopal with practical experience in Python, machine learning, deep learning, NLP, and generative AI. Currently serving as an AI Research Intern at CodingJr, applying advanced data science techniques to real-world applications and collaborating with experienced mentors in the field.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, SQL

Deep Learning Frameworks: TensorFlow, Keras,LangChain

Libraries & Tools: NumPy, Pandas, Matplotlib, Scikit-learn, OpenCV, NLTK

PROJECTS

Brain Tumor Detection System   Nov 2024 – April 2025
Deep Learning Project   *Python, TensorFlow, Keras, CNN, ANN*
- 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 – Present
Machine Learning Project   *Python, Flask, ANN*
- 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

Food delivery time prediction   Jan 2025
Machine Learning Project   *Python, Flask*
- Built regression models to predict food delivery times using historical order data
- Utilized feature engineering and hyperparameter tuning to improve accuracy

EXPERIENCE

AI Research Intern   April 2025 – Present
CodingJr   *Remote*
- Working on Generative AI projects, focusing on large language models (LLMs), chatbot development, and related applications
- Applying Python and machine learning tools to research and develop AI-driven solutions in the education technology domain
- Collaborating with experienced mentors to enhance practical skills in NLP and advanced AI techniques

EDUCATION

Vellore Institute of Technology, Bhopal   Madhya Pradesh, India
B. Tech Computer Science   *Jun 2023 – Present*

Jawahar Navodaya Vidyalaya-Kothipura   Himachal Pradesh, India
CBSE, Class XII   *April 2022*

Jawahar Navodaya Vidyalaya-Kothipura   Himachal Pradesh, India
CBSE, Class X   *June 2020*