DIVYA SONI

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SUMMARY

Dynamic and motivated B.Tech. student specializing in Artificial Intelligence and Data Science with a passion for data analytics and a strong understanding of Machine Learning. I seek to contribute to data-driven decision-making in a fast-paced environment. A creative thinker with a drive for continuous learning.

EDUCATION

Rosary School, Pune
5th - 10th
Grade: 10th Board- 91.0%

The Vatsalya School, Pune
11th - 12th
Grade: 12th Board- 85.5%

Vishwakarma Institute of Information Technology, Pune
Btech- Artificial Intelligence and Data Science
CGPA: 8.44

SKILLS

- Data Analytics
- Python, C, C++, R, SQL, AWS
- Microsoft Excel, Word, PowerPoint
- Tableau (Data Visualization)
- Communication
- Passionate and Dedicated
- Languages: English, Hindi, Marathi
- Team Work
- Problem Solving and Creative Thinking

CERTIFICATIONS

- Google Data Analytics
- Introduction to Networking (Cisco)
- Python Basics (HackerRank)
- Problem Solving Basics (HackerRank)
- Basics of Python (Google)
- Azure AI Fundamentals (Microsoft)

Introduction to machine learning (Microsoft)
- Multivariate Calculus by Imperial College London (Coursera)

Linear Algebra by Imperial College London (Coursera)
- Google Project Management

PROFESSIONAL EXPERIENCE

AICTE GOOGLE AI-ML Virtual Internship
| April 2024 – May 2024

PROJECT WORK

1) Medical chatbot with pdf integration:
   Employed Langchain for document segmentation, Huggingface Hub for text embeddings, and FAISS for vector storage. Medibot represents a significant advancement in conversational agents for healthcare, offering tailored and reliable medical knowledge to users
2) Lung Cancer Detection:
   This lung cancer detection project employs 3D Convolutional Neural Networks (CNNs) to automate lesion identification in CT scans. Leveraged numpy, matplotlib, keras, tensorflow, nltk libraries. This innovation addresses the challenge of accurately classifying lung abnormalities, potentially revolutionizing early cancer diagnosis.
3) Image Caption Generator:
   The project aims to generate captions for images using libraries like numpy, matplotlib, keras, tensorflow, and scipy. It utilizes a dataset with 8k images and 5 captions each, extracting features from both images and captions. CNN processes images while LSTM handles text.
4) Song Recommendation System Using API:
   Using Spotify API Keys Developed songs recommendation system using spotify library and Spotify API credentials. Built a working program that suggests songs based on user preferences

EXTRACURRICULARS

- Additional Director of Rotaract Club of VIIT
- Participated in Hackathons such as SIH and Unstop