PRADEEP ACHARYA

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OBJECTIVE

Enthusiastic Software Engineer with a solid foundation built through academic learning, internship experience, and real-world projects. Passionate about solving complex problems using intelligent systems.

EDUCATION

Bachelors of Engineering-   Dec 2021 - May 2025
Artificial Intelligence and Data Science   - 9.16 CGPA
Shri Madhwa Vadhiraja Institute of Technology and Management, Bantakal

SKILLS

Languages	:	Python, Java, C
Machine Learning and AI	:	Supervised Learning, Unsupervised Learning, Regression, Classification, Natural Language Processing (NLP), Deep Learning
Libraries & Frameworks	:	scikit-learn, NumPy, Pandas, Matplotlib, TensorFlow, Keras,OpenCV
Web Technologies	:	HTML, CSS, JavaScript, React, Django,Flask, MySQL
Core Concepts	:	Object-Oriented Programming, Operating Systems,DBMS
Tools and Others	:	Git (Version Control), AWS

INTERNSHIP

Software Development Intern- Manipal Technologies Limited   Feb 2025 -May 2025

- Built a chatbot using document embeddings and NLP models for intelligent query answering.
- Implemented end-to-end web scraping, data preprocessing, and backend integration with ChromaDB.
- Collaborated in a fast-paced team environment to deliver an AI solution to support customer service automation.

PROJECTS

Brain Tumor Detection System   Sept 2024 - Nov 2024

- Leverages advanced AI to accurately detect brain tumors in MRI images using CNN based techniques.
- Utilized VGG16 for transfer learning, enhancing diagnostic precision and model performance.
- Developed with Python, TensorFlow, Keras, and OpenCV, ensuring effective image processing.

Anonymous and Stigma free Mental Health Care Website   Nov 2023 - Jan 2024

- Empowers individuals with a secure, anonymized platform for mental health support.
- Includes features like musical therapy and quiz games to promote mental wellness.
- Facilitates private doctor-patient communication through a secure messaging system.
- Developed using Django, React, and MySQL, ensuring secure, responsive, and efficient interactions.

ACCOMPLISHMENT AND CERTIFICATIONS

- Team ranked in the Top Ten at IEEE Eureka 2023, recognized by the IEEE Pune Section
- Python Developer certificate(Udemy)
- Full stack development certificate(Udemy)
- AWS Cloud Practitioner Essentials course(AWS Skill Builder)

ADDITIONAL LINKS

GitHub : https://github.com/pradeepacharya123

Portfolio: pradeepacharya.dev