M Darshan

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CAREER SUMMARY

Recent Computer Science graduate with a solid foundation in data science and machine learning. Passionate about leveraging technology to solve real-world problems, I have hands-on experience from internships and academic projects. Eager to bring my skills in Python, SQL, and machine learning to a dynamic team where I can continue to grow and make a significant impact.

- **My Portfolio :** Check out my portfolio here to know more about me
- **Education**: Bachelor of Engineering in Computer Science from AMC Engineering College, Bangalore
- **Internship Experience**: Working as a Data Analytics Intern at Zidio Development, Bangalore, where I developed and optimized machine learning models using Python.
  - Worked at Rubixe pvt Ltd for 6 months As a Data Analyst Intern.
- **Project Experience**:

  - **NAMMA Area** : Android Flutter Application Made For Increasing Environmental Awareness and One Stop Social Media For Bringing Change (Stack : Flutter, Firebase , Flutterflow , Google Maps API)
  - **Boulders and Craters Detection** : The **Boulders and Craters Detection** project focuses on identifying and analyzing geological features like boulders and craters on planetary surfaces. This is crucial for space exploration, navigation, and scientific studies.
  - **Child and Therapist Detection** : The **Child and Therapist Detection** project focuses on identifying and tracking individuals in a video to support behavioral analysis and therapy sessions. The system detects and assigns unique IDs to children with Autism Spectrum Disorder (ASD) and therapists, ensuring accurate tracking even after occlusions or re-entries.
  - **MemeChain** : MemeChain is a blockchain-based platform designed to preserve and authenticate internet memes.(Built in Unfold2024 Hackathon)
  - **Speech Emotion Recognition** : Created an LSTM model for speech emotion that detects the emotion of the speech
  - **Image Classification**: Created an image classification model that classifies 10 classes of images using CNN, With Pretrained Model ResNet
  - **Hand Gestured AI Image Editor**: Implemented a AI Image Editor Using Hand Gestures Using the Hand recognition Library in Python

- **Technical Skills**: Proficient in Python, MySQL, and C Programming; skilled in Data Science, Machine Learning, Data Analysis, and Linux.

- **Certifications:** Completed courses in Machine Learning, Python for Data Science, and foundational C programming with Microsoft.

- **Additional Experience**: Participated in web development projects, contributing to both frontend and back-end development and database design.

- **Competition**: Secured 1st Place in Image Classification Competition Using Machine Learning Implemented an CNN Integrated With ResNet Pretrained Model , Blaze-The-Trail Ideathon Secured 4th Place Conducted By New-Trail
  - Participated In Bhartiya Antarakshiya Hackathon Conducted By ISRO : Worked On the Problem Statement of Crater and Boulder Classification Using Machine Learning
  - Participated in The Unfold 2024 Hackathon successfully submitted an working valid project based on blockchain.

With strong analytical abilities, a keen eye for detail, and a passion for data-driven decision-making, I am eager to contribute to innovative projects and continue learning in a collaborative environment.

SKILLS AND STRENGTHS

- Machine Learning – Sci-kit Learn, Seaborn, Matplotlib

- Deep Learning – NLTK, CNN, ANN, Keras , Pytorch ,LLM,HuggingFace

- Programming Languages – Python (Intermediate), C (Intermediate) , Java(Basic) , SQL(Intermediate) ,Dart, Framework (Flutter)

- Frontend – ReactJS, Streamlit

- Tools: Git, Linux, Ubuntu , Android Studio

- Interface – Jupyter Notebook, Pycharm , Visual Studio , Adobe Dreamweaver

EDUCATION

7th Sem 7.8 CGPA - AMC Engineering College, B.E Computer Science Engineering with AI&ML – Expected (2025)

12th (78%) – Sri Chaitanya PU-CBSE College

10th (69 %) - Laxmi International School Sarigam Vapi, Gujarat, CBSE