

Darshan R

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Education

Gopalan College Of Engineering And Management (VTU)

2020 - 2024

Bachelor of Engineering in Computer Science - CGPA: 7.80 / 10

Bangalore

Narayana PU College

2018 - 2020

CLASS XII (PCMC) Percentage: 81.6%

Bangalore

The Frank Anthony Public School

2018

CLASS X, ICSE - CGPA : 7.0

Bangalore

Technical Skills

Programming Languages: Java, C++, Python, HTML, CSS, Javascript, SQL

Frameworks: Git, Tensorflow, keras, NumPy, Pandas

University Coursework: DSA, Machine Learning, Artificial Intelligence, OOP, DBMS & OS

Experience

LetsGrowMore

Aug 2023 – Sep 2023

Data Science Intern (1 month)

Remote

- Conducted exploratory data analysis (EDA) to understand the distribution of features within the dataset.
- Performed data preprocessing, including handling encoding categorical variables, and scaling features for logistic regression.

Projects

Lip Reader | Python, Tensorflow, OpenCV

- Developed a deep learning model for lip reading using Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), and Long Short-Term Memory (LSTM) cells.
- Utilized OpenCV for preprocessing video data, TensorFlow for model building and training, and other libraries such as matplotlib and imageio for visualization and analysis.
- Implemented Connectionist Temporal Classification (CTC) loss, to train and optimize the model.

Ai ChatBot | Java, Open AI API, Android Studio

- Developed an Android application that leverages the OpenAI ChatGPT API for dynamic and interactive conversations.
- This app provides users with a conversational AI assistant capable of answering questions and generating text-based responses.
- Increased user engagement by providing a conversational and user-friendly interface.

Personal Portfolio | HTML, CSS, Javascript

- Developed a comprehensive portfolio website to showcase personal projects, skills and achievements.
- Implemented interactive features using JavaScript, such as dynamic content loading.
- Employed responsive design techniques to guarantee a seamless experience on different devices and screen sizes.

Additional Achievements / Certifications

CS50X from Harvard University (Certificate).

CodeChef: Ranked 231 out of 12000+ participants in round START89

CodeChef: Ranked 269 out of 14000+ participants in round START90.

Leetcode: Solved 100+ DSA problems.

Delivered a compelling presentation at the *National Conference on Emerging Trends in Computer Science Engineering and Information Technology* on **Web 3.0: Decentralized Applications and Metaverse Integration** held on 05th of May 2023 at Gopalan College of Engineering and Management.

IBM Python for Data Science, AI & Development from Coursera (Certificate).