Praveen Magadum

Bachelor of Engineering
In Electronics and Communication
KLE Technological university's KLE DR.MSSCET , Belagavi campus.

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EDUCATION:

Degree/Examination	Board/University	Year of passing	Percentage/CGPA
BE in Electronics and Communication	KLE Technological University	Pursuing	9.04 (Upto 5th Sem)
Senior Secondary	Department of Pre-University Education, Karnataka	2021	98.16%
SSLC	Karnataka Secondary Education Examination Board	2019	96%

TECHNICAL SKILLS:

Verilog HDL, Digital System Design, ARM Cortex M3, C Programming, Data structures using c, Python Programming, OOPS using C++ Programming.

TOOLS KNOWN:

CADENCE Virtuoso, MATLAB, Proteus, Keil uvision, ISE Design Suite, Vivado, Ubuntu.

PROJECTS:

- **Metallic Scrap Collector Bot**
  Feature: It is a Model that helps the people working on the shop floor with an automated machine that can assist them in an easy way.

- **Text Based Medical Chatbot Application**
  Feature: It is a chatbot that trains on a predefined data set stored in Json file and responds to all the questions asked by the user using Natural Language Processing Algorithm.

- **Speech Emotion Recognition**
  Feature: speech emotion recognition system using a Convolutional Recurrent Neural Network (CRNN) and deep learning algorithms which will be trained on a dataset of speech utterances labeled with their corresponding emotions.

- **Music Notes Extraction using FFT**
  Feature: A system that extracts musical notes from an audio signal using the Fast Fourier Transform (FFT) technique.

KEY COURSES TAKEN / WORKSHOPS ATTENDED / CERTIFICATIONS :

- Currently Doing the Internship on " Web Development" in ACMEGRADE PVT.LTD (In progress).
- Attended a Workshop on "Fundamentals of AI and ML on Raspberry Pi" under IDEA LAB from 10th April 2023 to 17th April 2023.
- Completed a course on " Python Programming " under GUVI Geek Networks, IITM Research Park online Certification.
- MATLAB Fundamentals, MATLAB Onramp, MATLAB Simulink.

POSITIONS OF RESPONSIBILITY:

- Student Campus Ambassador for ACMEGRADE PVT.LTD.
- Event organizer and Coordinator for the Juniors' Official Freshers of the year 2022-2023.
- Event Coordinator for "Building the Internet of things : Controllers ,WIFI Modules and beyond" under AICTE IDEA LAB from 19th June 2023 to 24th June 2023.

ACHIEVEMENTS :

- Finalist in the "Ideathon 2023" organized by Vigyan Manthan Foundation during Startup Conclave 2023.
- Won the startup jam competition which was held on 12th December 2023 by DAS Igniting Ideas PVT LTD.
- Led a Team in orientation/ Outreach program on AICTE IDEA LAB in Saint Paul's school, belguam.
- Topper of the Center in SSLC examination 2018-19 at Shri B.P.Bhavi Highschool, Halshirgur, Kudachi.