

PRAPTI ARALI

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ABOUT ME

Currently advancing through my third year in Computer Science and Engineering, I am deeply engaged with machine learning and its diverse applications. I am committed to problem-solving and strive for excellence in all my endeavors. My goal is to further explore and expand my expertise in machine learning and related technologies. I am enthusiastic about contributing to innovative projects and advancements in these areas, and I thrive in collaborative environments that foster professional growth and learning.

SKILLS

- ❖ **Languages:** Python, C, C++, HTML/CSS, JavaScript, GO
- ❖ **Frameworks/Databases:** Flask, React, Google Maps API, MongoDB
- ❖ **Tools/OS:** GIT, Linux, Windows
- ❖ **Soft Skills:** Learnability, Teamwork, Adaptability, Leadership

EDUCATION

PES University, RR Campus, Bangalore

B.Tech in Computer Science and Engineering

Expected Graduation: 2026

CGPA: 7.76

Jnana Sudha PU College, Bidar

Pre-University Education

Gnyana Sudha Vidyalaya, Bidar

High School

PROJECTS

- ❖ **Geospatial Analysis for Rural Business Correspondent Activities**
This project analyses data to pinpoint rural areas ideal for business correspondent activities, using datasets like demographics and infrastructure. Utilizing Leaflet, Google Maps API, and Geocoding API, it maps potential locations. Python and Flask drive analysis and visualization, aiming to boost rural economic development.
- ❖ **Travel Management System (C++)**
Created a file operation project for managing travel-related data.
- ❖ **Music Player (C)**
Implemented a music player using data structures.
- ❖ **Blood Bank Website (MERN Stack)**
Built a web application for managing blood bank information using MongoDB, Express, React, and Node.js.
- ❖ **File Transfer Protocol (Computer Networks)**
Implemented a file transfer protocol for network communication.
- ❖ **Image Classification**
Image Classification System using Convolutional Neural Networks (CNNs)

TECH ACHIEVEMENTS / HACKATHON

- ❖ **Terra Tech**, SP Jain School of Global Management, Mumbai
Finalist in a national-level hackathon conducted by Grameen Foundation.
- ❖ **Hackfest'24**, NITTE Meenakshi College, Karkala
Participated in a national-level hackathon and was among the top 15 teams.
- ❖ **OVERRIDE'23**, PES University, EC Campus
Participated in a college-level hackathon.
- ❖ Completed online internship program in Machine Learning conducted by Teachnook.

NON-TECH ACHIEVEMENTS

- ❖ **2016:** Karnataka Vikasa Ratna Rajya Prashasti
- ❖ **2016:** Karnataka Jyoti Rajya Prashasti
- ❖ **2020:** Shikshana Siri Prashasti
- ❖ **2021:** 2nd Position in Divas- Around the World, National Level Competition (BSG)
- ❖ **2021:** Republic Day Award
- ❖ **2022:** Completed All India Vayu Sena Camp (NCC)

POSITION OF RESPONSIBILITY

- ❖ Core Team Member, Team Sanskrithi (Official Dance Club of PES)
- ❖ Head of Operations, Team PESU Talkies (Official Movie Club of PES)
- ❖ Volunteered for Samparpane, Logistics Domain