

PULA V LAKSHMI NARASIMHA NAIDU

Amaravati, India

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GitHub

Education

Amrita Vishwa Vidyapeetham

October 2022 – Present

Bachelor of Technology in Computer Science-Artificial Intelligence Engineering (CGPA-9.46/10) Amaravati, Andhra Pradesh

Oxford Jr. College

June 2020 – April 2022

Intermediate Education in Mathematics and Sciences (974/1000)

Narasaraopet, Andhra Pradesh

Oxford High School

June 2019 – March 2020

Secondary Education in Mathematics and Sciences (598/600)

Narasaraopet, Andhra Pradesh

Experience

Techkriti'24

August 2023 – July 2024

Campus Ambassador

IIT Kanpur, India

- Mentored 900+ students in Machine Learning and Coding, using diverse instructional approaches.
- Provided guidance on machine learning algorithms, resources, and specialized topics.

Prachurya'23

November 2023 - present

Artificial Intelligence Mentor

Amaravati, India

- Instructed 60+ students in Python from basics to intermediate level, leading to a 30% improvement in coding skills.

Projects

Food Court and Library Management Systems / Open-source University Projects

- Developed dynamic Food Court and Library Management System websites using HTML, CSS, JavaScript, PHP, SQL, and PHPMyAdmin, enhancing user experience and optimizing database management processes.

Gaming Apps: Obstacle Block and Snake Game / Anvesh Gaming Hackathon

- Created engaging games using HTML, CSS, and JavaScript; converted the Snake Game into a mobile app, increasing user engagement by 40%.

WhatsApp Chat and Movie Recommendation Systems

- Built a WhatsApp Chat Analyzer for processing chat histories (1,000+) and a movie recommendation system using TMDb data, Python, and Streamlit, providing recommendations across 500+ movies.

Mobile Apps: Iris Prediction, Custom Camera, Crop Companion and Face Authentication

- Developed flutter mobile apps for Iris flower prediction, face authentication, crop recommendation, and seamless photo saving, integrating machine learning models and real-time face detection for enhanced functionality and security.

College Timetable Scheduler

- Designed a scheduling app with text and voice output, along with a timetable image, enabling students to easily access their daily class schedules.

Facial Recognition Attendance System

- Developed a facial recognition-based attendance system using OpenCV and Flask, incorporating face detection, model training, and real-time attendance tracking with CSV export functionality.

Technical Skills

Languages: Java, C, Python, Dart, R, SQL, HTML5, CSS, JavaScript

Tools: VS Code, Eclipse, Nand2tetris, Matlab, Cisco Packet Tracer, Wireshark, Android Studio, R Studio

Frameworks: Linux, GitHub, Machine Learning, SQL, Flutter, Data structures and algorithms, Flask, Streamlit

Leadership / Extracurricular

- **Technical Team Member, Technity:** Contributed to various technical initiatives and event organization within the club.
- **Mentor, Prachurya Club at Amrita:** Guided students in technical skills development and project execution.
- **Campus Ambassador, Techkriti at IIT Kanpur:** Represented and promoted Techkriti events at the university level.
- **MOOC Courses:** Completed 10+ courses on GL, Coursera, Analytics Vidhya, AWS, Infosys Springboard and Amrita TBI, enhancing skills in machine learning, blockchain, cloud, data analysis and more.
- **Finalist in Hackathons:** Achieved finalist positions at Geekathon VIT AP (2023), Hack-SRM (2024), and Anvesh Gaming Hackathon (2024) for innovative tech solutions.
- **Publication:** Co-authored the paper titled "*Comparing Neural Networks and Machine Learning Approaches for Predicting the Severity of Breast Cancer*", accepted and digitally presented at the 2024 IEEE 1st International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST-2024).