ADDANKI PAVANI TEJA

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Introduction

Dedicated and motivated 3rd-year B.Tech student specializing in Computer Science, Artifical Intelligence with strong technical and analytical skills. Proficient in Python, C, matlab, etc. Passionate about leveraging my skills to solve real-world problems and contribute effectively to data analysis. Seeking an internship opportunity to apply my knowledge and gain hands-on experience in a professional environment.

Education

Btech in Computer Science Artificial Intelligence, Amrita Vishwa Vidyapeetam,Chennai 2022 – 2026

- GPA: 8.2/10.0

Intermediated in MPC, Sri Chaitanya Collage 2020 – 2022

- Marks : 927/1000

10th Standard in Sri chaitanya school 2020

- Marks : 591/600

Projects

IFL Attendance website

- I have developed a attendance website with face identity and robust features such astime constraints for the login and logout.An Admin panel where the admin can manipulate the leaves the can v checkout the no of working days of each employee.
- Tools Used: HTML, CSS, JavaScript, Bootstrap, MySQL, PHP, XAMPP, Phpmyadmin

A Hotel Management System using ThinkerGUI in Python

- This is a software project designed to manage hotel operations such as room booking, guest check-in/check-out, room availability, and billing, with a user-friendly interface built using ThinkerGUI. The back-end is powered by MySQL to store and retrieve data like guest details, room information, and transactions.
- Tools Used: Python , ThinkerGUI, MySQL , SQL language, HTML,CSS.

Revolutionizing fund of fund construction: A parallel ADMM Approach

- The project develops a parallel ADMM-based optimization approach in MATLAB to efficiently construct and manage Fund of Funds portfolios, enhancing computational performance and investment strategy.
- Tools Used: MATLAB, Python, SQL, Parallel Computing, Optimization, ADMM, MATLAB Parallel Computing Toolbox

Construction of a conformal Chebyshev chaotic map-based authentication protocol for vehicle communication

- The project develops a secure authentication protocol for vehicle communication systems using a conformal Chebyshev chaotic map to enhance data integrity and privacy.
- Tools Used: Python,Simulink, MATLAB,Chaotic Maps, Cryptography, Authentication Protocols

Optimizing Aadhaar Centers in Jammu Kashmir using night light and census data

- The project aims to optimize the placement and operation of Aadhaar Centers in Jammu Kashmir by leveraging night light and census data to improve accessibility and resource allocation.
- Tools Used: Python, R,Machine Learning, Data Analysis, Geospatial Analysis, Scikit-learn, TensorFlow, Pandas, NumPy, GIS, SQL Databases

Technologies

Languages: C, Java , Python (proficient)

DataBases: MySQL,JSON,MongoDB

Data Structures and Algorithms: Advanced Algorithmic Skills and Problem optimization

Mathematical Statistical Tools: MATLAB

Relevent Coursework: OOPS using Java , OS in linux , ubuntu , AWS .

Intersts in data analytics Hadoop in ubuntu , spark in ubuntu

Certificate

Nptel online certification in C(ELITE)
Tata Group - Data Visualisation: Empowering Business
Adopting Artificial Intelligence Tools in Higher Education
Generative AI with Vertex AI: Build a customer chatbot
Coursera Python certification
AWS cloud foundation
GoHighLevel for Beginners: Voice AI Automated Appointments
Deploy A Microsoft Azure Speech To Text Web App

Soft Skills

Leadership
Team Collaboration
Adaptability
Ability to Meet Deadlines
Problem-Solving
Attention to Detail
Communication Skills
Office 365

Activities and societies:

Fencing

- National Player
- Playing tournaments from 2017 to 2022

Badminton

- State level Player
- Personal favourite game

Drawing

- Stress relieving
- Loves doodling