
Pavan Kumar Arravali

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Objective

A highly motivated and detail-oriented Computer Science graduate with a strong foundation in programming, data analysis, and machine learning. Seeking a challenging role to apply technical skills and contribute to innovative projects in a dynamic organization.

Education

Bachelor of Technology in Computer Science and Engineering

Teegala Krishna Reddy Engineering College, Hyderabad

GPA: 7.74 / 10

July 2020 – May 2024

Intermediate in Maths, Physics, and Chemistry (MPC)

Chaitanya Junior College, Balapur

Percentage: 94%

June 2018 – May 2020

Secondary School Certificate (SSC)

St Maria High School, Hyderabad

GPA: 8.3 / 10

May 2016 – May 2018

Technical Skills

- **Programming Languages:** C, Python, SQL
- **Front-End Languages:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Technologies:** Machine Learning, Data Analytics

Projects

Booking Parking Slot Using Machine Learning (Aug 2023 – Dec 2023)

- Allows users to book parking spaces in advance and it also allows customers to park their vehicles when they need an immediate parking or who are in an emergency.
- The goal of the machine learning project for parking slot booking is to provide a practical and effective way to manage parking spots in a congested area.
- Enhanced the system with a user-friendly interface for better customer experience.
- Utilized data analytics to predict parking spot availability based on historical data.

Smart Voting System Using Deep Learning and Computer Vision (Jan 2024 – May 2024)

- The goal of the machine learning project for parking slot booking is to provide a practical and effective way to manage parking spots in a congested area.
- The server aspects of the proposed system have such distribution of authority that server does not enable to manipulate the votes. For database, we can apply hashing technique for data hiding.
- Implemented surrounding person counting. If more than one person is detected, then our model closes. If one person is detected, then we go for the face recognition.
- Integrated secure authentication mechanisms to ensure voter identity verification.
- Improved the accuracy of face recognition using advanced deep learning models.

Certifications

- **Data Science** - Brain O Vision (09-05-2023 to 25-05-2023)
Acquired proficiency in statistical analysis, machine learning algorithms, data visualization, and Python programming.
- **Data Analytics** - Honeywell (June 2022 to Aug 2022)
Gained advanced skills in data manipulation, database management, data modeling, and business intelligence tools.

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- **Python Programming** - Brain O Vision (20-06-2022 to 07-07-2022)
Developed proficiency in Python fundamentals, data manipulation, and scripting for various tasks.

Achievements

- **Participated in Smart India Hackathon**
Worked on fake social media profile detection and reporting.