Naveen Pabbu

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Objective

I recently graduated and am eager to start my career in a technology-focused corporate environment, aiming to collaborate with professionals and grow through challenging roles and continuous learning.

Education

CMR Technical Campus Medchal, India
Electronics and Communication Engineering, CGPA-6.8/10 *2019 - 2023*

Narayana Junior College Medchal, India
Maths, Physics and Chemistry, CGPA-9.4/10 *2017 - 2019*

Skills

Programming Languages: C, C++, Python, JavaScript, SQL, HTML, CSS
Frameworks: Frappe, React
Developer Tools: Git, GitHub, Google Cloud Platform, VS Code, IntelliJ IDEA, Power BI, Google Colab, Streamlit
Soft Skills: Problem-Solving Skills, Creative, Analytical Skills, Communication Skills
Languages Known: English, Telugu, Hindi

Experience

Intern Mayt 2023 - Aug 2023
Crime Rate Analysis using Machine Learning Approach *Hyderabad, India*

- Collected historical crime data from publicly available sources.
- Cleaned the data by handling missing values and removing outliers.
- Engineered features including crime type, location, and time of occurrence.
- Split the dataset into training and testing sets.
- Applied machine learning algorithms such as logistic regression, decision trees, and random forests.
- Evaluated model performance using metrics like accuracy, precision, recall, and F1-score.
- Fine-tuned the best-performing model for improved prediction accuracy.

Projects

Drowsiness detection and auto alerting system using Machine Learning Sept 2022

- Collected and preprocessed data from video streams to detect facial landmarks and eye movements.
- Trained a machine learning model to classify drowsiness based on eye closure duration and head movements.
- Implemented an alerting system that triggers audio/visual alarms when drowsiness is detected to prevent accidents.

Crime Rate Analysis using Machine Learning Approach Nov 2022

- Collected and preprocessed historical crime data, including handling missing values and outliers.
- Applied machine learning algorithms to predict crime occurrences based on features like crime type, location, and time.
- Evaluated model performance using metrics such as accuracy, precision, recall, and fine-tuned the best-performing model for better accuracy.

Automatic Water Tank Level Controller Jul 2022

- A sensor for measuring Water Level

Certifications and Achievements

User-Centric Computing for Human-Computer Interaction from NPTEL by IIT Kharagpur
Issued Feb 2022
Software Engineering Virtual Experience from JPMorgan Chase
Issued Jul 2022
The Technical Quiz by CMR Technical Campus
Issued Aug 2021