Mamindla Pavan

Hyderabad ,Telangana , India.

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# Profile Summary:

Highly motivated and detail-oriented Computer Science Engineer with a strong academic background and a passion for innovative technologies. Proficient in a range of programming languages, including Java, Python, C++, and JavaScript. Excellent problem-solving skills, with a strong foundation in data structures, algorithms, and computer systems.

# Technical Skills

|  |  |  |  |
| --- | --- | --- | --- |
| Python | AWS | SQL | LINUX |
| OOPS | DATA STRUCTURES | HTML | CSS |

**Projects**

**Weather Forecast Web App** |React.js*, JavaScript, HTML, CSS, RESTful API* **Oct 2022**

* Developed a user-friendly web app providing current weather conditions and 7-day forecasts.
* Integrated a **RESTful API** to fetch real-time weather data, ensuring accuracy and reliability.
* Implemented a responsive design, allowing the web app to adapt to various devices and screen sizes.
* Utilized **React.js** to create interactive UI components, enhancing user engagement and experience.
* Designed an intuitive interface, making it easy for users to access and understand weather information.

**Weather Based Traffic Scene perception**| *Python, Supervised Learning, HTML, CSS* **March 2023**

* Developed an innovative Weather-Based Traffic Scene Perception system using supervised learning techniques.
* Implemented a deep learning model to classify weather conditions (e.g., sunny, rainy, foggy, snowy) from traffic scene images.
* Analyzed traffic scenes to detect and recognize objects (e.g., vehicles, pedestrians, lanes) under different weather conditions.
* Integrated weather condition classification and traffic scene understanding to perceive and analyze traffic scenes.

# Education

**Joginpally B.R. Engineering college Aug,2019 – Aug ,2023** *Bachelor of Technology, Computer Science Engineering Hyderabad.* **Sai Shivani jr. college July,2017 – March,2019**

*Intermediate, MPC Hanamkonda.*

# Extracurricular / Certifications

**Training at Coding Hub Apr 2024 – Jun 2024**

* + Mentored through coding challenges and project development.
  + Created learning materials and **led debugging sessions** for complex issues.
  + Received recognition for clear communication and student support.

# Certifications

* + Web Development – **Teach nook**

Certification ID – 272016893