

Pola Karthik Naidu

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EDUCATION

Vignan's Institute of Information Technology

Electrical and Electronics - Btech

Narayana Junior College

Intermediate - MPC

April 2024

Current GPA: 8.2/10.0

June 2020

GPA: 9.3/10.0

SKILLS

Languages: Python, Java, JavaScript, HTML/CSS

Technologies: React.js

Databases: MongoDB , MySQL

Concepts: Data Structures and Algorithms

Tools: Git/GitHub, VS Code, IntelliJ , Eclipse

PROJECTS

Weather App | *React.js*

- Developed a responsive weather application using React.js.
- Integrated a weather API with asynchronous operations for real-time data retrieval.
- Implemented user-friendly features, including a search functionality for location-specific weather information.
- Designed and incorporated geolocation functionality for automatic location-based weather updates.
- Implemented robust error handling to gracefully manage API request failures.

Github User Search | *React.js , VS Code*

- Implemented a responsive and intuitive user interface for effective user interaction
- Utilized React Hooks, such as useState and useEffect, for state management and asynchronous data fetching, enhancing the application's performance
- Displayed fetched data in an organized manner, presenting essential user information and repository details.

Solar Sun Tracker | *Arduino*

- The solar tracking system is an auto-tracking control system using Arduino
- Increases solar panels exposure to solar rays
- Improves energy production increase by about 30 percentage.
- Dual axis (360 degrees) solar tracking system.

CODING PROFILES

Codechef - Max Rating **1417**

Codeforces - Max Rating **803** *Newbie*

Leetcode - Solved **100+** problems

GeeksforGeeks - Solved **100+** problems

LANGUAGES

English - Full Professional Proficiency

Hindi- Limited Working Proficiency

Telugu - Native or Bilingual Proficiency

CERTIFICATION

Basics of Python - Infosys Springboard

Java Fundamentals - Scaler