PEDDIREDDY SRIJITH

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology   **06 2021 To Present**
*B.Tech - **CGPA** - **8.95***   *Hyderabad*

SKILLS

- Data Structures & Algorithms
- C/C++, Java
- MySQL & MongoDB
- Python
- MERN Stack
- JavaScript
- Flask
- OpenCV
- Basics of AI & ML Algoritms
- Data Visualization

Experience

Campus Ambassador   **Present**
Organized and executed strategic coding contests on campus, attracting 200+ participants and achieving a 41% surge in platform registrations, subsequently positioning as the go-to resource for coding enthusiasts.

Internshala Student Partner | *Campus Ambassador*   **Present**
Conducted on-campus seminars, reaching 300+ students and increasing awareness about various training opportunities and internships by 35%, contributing to a more informed student community.

VJ Hack/slash | *Teaching and Problem Setting*   **Present**
Contributed to the Programming Club of VNRVJIET by conducting three successful coding contests, engaging 150+ participants, and actively teaching while setting up challenging problems for VJ Hack/slash.

Research Intern | *Centella Scientific*   **06 2023 – 07 2023**
Actively engaging in Centella Scientific's RISE program provided invaluable insights into scientific methodologies. My contributions, including a comprehensive review of 250+ research articles and hands-on experiment design, significantly enhanced ongoing research initiatives.

PROJECTS

Movie Recommendation By Face Emotion Recognition | MERN, OpenCV, CNN, Flask

- Spearheaded the development and successful implementation of an advanced Movie Recommendation System utilizing cutting-edge technologies: MERN stack, OpenCV, CNN, and Flask.
- Achieved a remarkable 90% accuracy in identifying and categorizing diverse emotional states, revolutionizing user experience and enabling effective targeted marketing campaigns.
- **Drove a substantial 25% increase in user satisfaction following the successful implementation of the recommendation system.** .

Digits Classification | Tensorflow

- Implemented a TensorFlow-based Convolutional Neural Network (CNN) for digit classification, achieving an outstanding 98% accuracy across diverse digits (0-9).
- Deployed this advanced technology to significantly enhance efficiency in automated digit recognition tasks.

Sales Analysis and Visualization for Strategic Decision-Making | PowerBI , SQL

- Analyzed and visualized sales trends by sizes and categories, boosting sales accuracy by 15% and empowering data-driven decision-making .
- Employed Power BI, SQL SERVER, and EXCEL for data manipulation and normalization, yielding a 20% data accuracy enhancement.

Login App | NodeJS, MongoDB, Backend, ExpressJS

- Created a secure login app with MongoDB backend, reducing login times by 40%.
- Implemented a password recovery mechanism, slashing recovery time by 50%, demonstrating expertise in data management and user authentication.

Netflix Clone - Web Application | ReactJS, Firebase Authentication

- Developed a Netflix clone using ReactJS and Firebase, integrating TMDB API for trailers.
- Achieved a 30% longer session duration and a 20% increase in click-through rates, enhancing user engagement and preview effectiveness.

ACHIEVEMENTS

- Solved over 500+ programming questions on various coding platforms (Leetcode, Codechef, Hackerrank, Codeforces etc.).
- Attained a Codechef maximum rating of 1576, demonstrating expertise in algorithmic programming and consistently delivering high-quality solutions.
- As an ambassador, I earned a Certificate of Achievement and received delightful goodies in recognition of my contributions and dedication.
- Coding platform ratings: CodeChef 1634*, Codeforces 1161*, LeetCode 1590*.

CERTIFICATIONS

CyberSecurity Fundamentals |

- Certificate for Completing basics of cyber security - IBM.

AI for Everyone |

- Successfully accomplished the "Introduction to Artificial Intelligence" course on Coursera.

Infosys Springboard |

- Successfully completed the "Introduction to Unix" course at Infosys Springboard.

Supervised Machine Learning |

- Certificate from Coursera issued for completion of the course by AndrewNg