SAI KUMAR REDDY THANGIRALA

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Education

RVR & JC COLLEGE OF ENGINEERING	**Nov. 2021 – Present**
B.Tech in Information Technology (CGPA: 9.62)	Guntur

Experience

Next24Tech Technologies & Services — **May 2024– Jul 2024**

Web Development Intern
- Designed and implemented an Online Voting System to enable secure and efficient electronic voting using web technologies.
- Enhanced user experience by creating responsive and interactive interfaces with HTML, CSS, and JavaScript.

Internshala Trainings — **Feb 2024 – Apr 2024**

Data Science Intern
- Developed a predictive model for Client Subscription to Term Deposits, analyzing customer data and predicting subscription likelihood using the Decision Tree algorithm with 90% accuracy in Python.
- Gained hands-on-experience in data preprocessing, visualization, and implementing machine learning models.

Projects

Aging Face Recognition System | MATLAB, Machine Learning — **Ongoing**
- Developing a system to recognize faces across different age groups by using leveraging learning techniques.
- Implemented facial feature extraction to ensure accurate recognition over time.
- Conducted extensive testing to improve the system's robustness in real-world scenarios.

Weather Forecasting Website | HTML, CSS, JavaScript, APIs — **Jun 2024**
- Built a website using an API key to fetch weather data, including current day forecasts with five different time slots and extended four-day forecasts with detailed information on weather conditions for each day.
- Ensured a seamless user experience by displaying accurate, real-time weather information in a user-friendly interface.

Python Spell Checker | Python — **Dec 2023**
- Created a Spell Checker to identify and correct spelling errors in text using Levenshtein Distance algorithm and dictionaries.
- Implemented smart suggestions for misspelled words by matching them with the closest valid words based in edit distance.

Technical Skills

Programming Languages: Java, Python, SQL, HTML, CSS, JavaScript

Technologies/Frameworks: Machine Learning, Cloud Computing

Databases: Database Management Systems

Developer Tools: VS Code, Eclipse

Core Concepts: Data Structures & Algorithms

Leadership / Extracurricular

Team Lead — **Dec 2023 – Present**
- Led a team of four members for minor and major academic projects, coordinating tasks, managing timelines, and ensuring successful project completion.
- Provided technical guidance and support to team members, fostering team collaboration and improving project outcomes.

Student Organizing Secretary in Info-Matrix Club
- Organized events like Coding Contests, Quiz competitions, boosting student engagement and participation.

Achievements

- Ranked 1st in academics up to the 6th semester.
- Shortlisted for the APSCHE Best Student of the Year Award for excellence in academics and technical skills.
- Secured 3rd Prize in the Medhanvesh Aptitude Contest, demonstrating proficiency in aptitude and reasoning.

Certifications

- Cloud Computing - NPTEL
- Data Structures, Java, Python, Database and SQL - Infosys Springboard