M. Ranadheer Reddy

Software Engineer
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PROFESSIONAL SUMMARY

Motivated Computer Science Engineering student with a strong foundation in **React.js**, **JavaScript**, **HTML**, and **CSS**, skilled in building responsive and dynamic web applications. Experienced in integrating **RESTful APIs** and working with modern front-end build tools. Proficient in **Git** version control, with a strong focus on clean code, problem-solving, and attention to detail. Seeking opportunities to contribute to innovative software development projects.

TECHNICAL SKILLS

Frontend	React.js, JavaScript (ES6+), HTML5, CSS3, Responsive Design
Tools & Version Control	Git, GitHub, npm, Webpack, Vite
Backend & Data	RESTful APIs, Python, SQL
Data Visualization	Power BI, Excel
Other	Machine Learning Models, Data Cleaning & Visualization

FRONT-END DEVELOPMENT PROJECTS

Election Results Prediction Dashboard
- Built an interactive **React.js dashboard** to visualize election predictions using real-time social media sentiment data.
- Integrated **RESTful APIs** to fetch and display live Twitter/Facebook data with dynamic charts.
- Implemented responsive design ensuring cross-browser compatibility.

Multiple Hydropots Watering System (Web Panel)
- Developed a responsive front-end interface using **HTML**, **CSS**, and **JavaScript** for controlling multiple hydroponic pots.
- Integrated sensor data via REST APIs for real-time monitoring and automation.
- Designed a clean UI with a focus on accessibility and performance.

MACHINE LEARNING & DATA PROJECTS

Election Results Prediction from Social Media using Machine Learning
- Implemented machine learning algorithms to predict election outcomes using sentiment and trend analysis from social media data.
- Collected and processed real-time data from platforms like Twitter and Facebook, applying classification algorithms to forecast voting trends.

Multiple Hydropots Watering System
- Created an automatic watering system that can water multiple hydroponic pots at the same time using sensors and a controller.
- Used moisture sensors to control water flow, saving water and reducing manual work.

EDUCATION

B.Tech in Computer Science and Engineering
Saveetha Institute of Medical and Technical Sciences — 2021–2025

CERTIFICATIONS & ACHIEVEMENTS

- Oracle Certified Professional: Cloud Infrastructure Generative AI – **Professional** (2024)
- Oracle Certified Associate: Cloud Infrastructure Generative AI – **Foundations** (2024)
- Cisco: Python Essentials (2025)
- Best Poster Award – Tech Star Summit (2024)
- Workshop Winner – Artificial Intelligence Applications (2023)