

NIRANJAN RAJU TIRUVALLURU

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Guntur, Andhra Pradesh.

IMPORTANT LINK

[LinkedIn](#)

[GitHub](#)

EDUCATION

B.Tech (EEE)

KKR & KSR Institute of Technology and Sciences:**2019 –2023**

CGPA: 7.0

INTER (MPC)

Sri Gayatri Junior College: **2017–2019**

CGPA:7.3

Class X

Naveena High School:**2016–2017**

CGPA:9.2

SKILLS

- C
 - Python
 - JavaScript
 - React JS
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CERTIFICATIONS

- C Programming by APSSDC
 - Python Programming by APSSDC
 - Basic of PLC by APSSDC
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LANGUAGES

- English
- Hindi
- Telugu

ACADEMIC PROJECTS

SMART GARBAGE MONITORING SYSTEM

- The main goal of this project is to reduce the amount of fuel used and help maintain the environment in a clean manner.
- The garbage level sensor is used to measure the amount of trash in a bin and transmit that data to an IOT system.

HYBRID ENERGY STORAGE SYSTEM

- Designed and implemented a multi-source converter configuration for a DC microgrid that integrates PV-wind and hybrid energy storage systems.
 - Developed an energy management system that optimizes renewable energy sources and storage systems to meet power demand.
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PERSONAL PROJECTS

E-COMMERCE WEB APP

[Demo](#)

- Designed and implemented a feature-rich e-commerce clone web application using React.
- Created a responsive and user-friendly design, ensuring seamless functionality across various devices and screen sizes, resulting in a positive and engaging user experience.
- Technologies: React JS, HTML, SCSS

WEATHER WEB APP

[Demo](#)

- Designed and implemented a user-friendly, responsive front-end interface for a weather app using React, ensuring optimal user experience across various devices and screen sizes.
- **Technologies:** React JS, HTML, SCSS

TODO WEB APP

[Demo](#)

- Created a simple Application which stores all list of action Items in day-to-day life. It performs all CRUD Operations
- Technologies: React JS, HTML, SCSS