

EDUCATION

• <b>Vishnu Institute of Technology</b> <i>Bachelor of Technology - Electrical and Electronics Engineering; CGPA: 8.2</i>	Bhimavaram, India 2022 - Present
• <b>Sri Chaitanya Junior College</b> <i>Intermediate - MPC; Percentage: 85.1%</i>	Vijayawada, India 2020 - 2022
• <b>Narayana EM High School</b> <i>Class X - SSC Board; GPA: 10</i>	Vijayawada, India March 2020

SKILLS SUMMARY

- **Languages :** Python, C, SQL, Embedded-C
- **Frameworks :** React.js, Bootstrap
- **Tools :** Matlab, GIT, MySQL
- **Platforms :** Arduino, Raspberry Pi
- **Soft Skills :** Leadership, Time Management

INTERNSHIPS

• <b>Hacker Plus Technologies</b> <i>Web Developer Intern</i> <ul style="list-style-type: none"><li>◦ <b>Web Development:</b> Building dynamic web apps using React.js, JavaScript, and CSS.</li><li>◦ <b>Collaboration:</b> Working with cross-functional teams on feature development and bug fixes.</li></ul>	Remote Dec 2024 - Present
• <b>ONGC</b> <i>Electrical Research Intern</i> <ul style="list-style-type: none"><li>◦ <b>Solar Power Plant Exposure:</b> Gained foundational knowledge of solar power plant operations, including energy generation and efficiency.</li><li>◦ <b>Research and Hands-On Learning:</b> Gained knowledge in energy efficiency, data analysis, and performance monitoring; assisted in data collection and analysis under senior engineers' guidance.</li></ul>	On-site June 2024 - July 2024
• <b>Power Sense Pvt. Ltd.</b> <i>Web Developer Intern</i> <ul style="list-style-type: none"><li>◦ <b>Frontend Development:</b> Developed and enhanced the Energy Monitoring System (EMS) interface.</li><li>◦ <b>API Integration:</b> Integrated APIs for real-time energy data monitoring.</li></ul>	On-site Jan 2024 - Feb 2024

PROJECTS

• <b>Energy Monitoring System (EMS)</b> <i>Electrical Design &amp; Frontend Developer</i> <ul style="list-style-type: none"><li>◦ <b>UI Development:</b> Built the UI for a campus energy monitoring system.</li><li>◦ <b>Real-Time Integration:</b> Integrated real-time energy data through APIs.</li><li>◦ <b>Data Analysis:</b> Analyzed data sets related to electrical consumption, presenting significant trends and recommending strategies to reduce peak load times by an estimated five hours per week across monitored facilities.</li><li>◦ <b>Project Link:</b> Visit the project page for more details.</li></ul>	VIT Collaboration, Jan 2024 - Apr 2024
• <b>Wireless Charging System</b> <i>Electrical Design</i> <ul style="list-style-type: none"><li>◦ <b>Circuit Design:</b> Designed a wireless charging system for small devices.</li><li>◦ <b>Efficiency Optimization:</b> Improved charging efficiency and power transfer.</li></ul>	Aug 2024 - Oct 2024
• <b>Smart Incubator</b> <i>Project Lead</i> <ul style="list-style-type: none"><li>◦ <b>Design and Development:</b> Developed a smart incubator using IoT and temperature sensors.</li><li>◦ <b>Automation and Control:</b> Implemented an automated system for temperature and humidity control.</li><li>◦ <b>Project Link:</b> Visit the project page for more details.</li></ul>	Oct 2023

HONORS, AWARDS, ACHIEVEMENTS, AND PARTICIPATIONS

- 3rd Prize at GITAM College for the Smart Incubator Project, innovation competition due to pioneering work on automated systems for critical care environments.
- Selected for the Internal Hackathon of Smart India Hackathon (2023) during the college-level selection.
- Participated in IEEE Conference at NIT Tadepalligudem.
- Participated in Innovit 2024, an idea presentation competition at Vishnu Institute of Technology.

PROFESSIONAL MEMBERSHIPS

- Member, Institute of Electrical and Electronics Engineers (IEEE) - Active member since 2023.
- Engaged in various technical activities, workshops, and conferences.