

Padala Durga Prasadu

College Graduate

Phone: +91 8270054118 Email: padalaprasad94@gmail.com LinkedIn: linkedin.com/in/prasadu Location: Bhimavaram

CAREER OBJECTIVE

Spearheaded innovative solutions in technology and security roles. Lead pioneering projects in solar energy and IoT systems. Execute strategic analysis and threat mitigation. Drive impactful contributions in a forward-thinking environment. Infuse analytical prowess, innovative problem-solving, into a forward-thinking organization.

EDUCATION

Bachelor of Technology in Computer Science and Engineering August 2021 – September 2024
Kalasalingam academy of research and Education CGPA: 7.0

Board of intermediate Education June 2019 – May 2021
Sri Chaitanya Junior College
CGPA: 7.4

TECHNICAL SKILLS

- **Programming Language:** Python, C, Java
- **Front-End Technologies:** HTML, CSS, Javascript
- **Version Control:** Git/GitHub
- **Operating systems:** Windows

PERSONAL PROJECTS

CAP Solar Project Jan 2023 – Apr 2024

- Initiated and executed a community-centric solar energy initiative, installing photovoltaic panels on public buildings, generating 500 kW of sustainable electricity.
- Addressed 30% of the community's energy needs, promoting clean and eco-friendly power solutions.
- Spearheaded the adoption of renewable energy sources, prioritizing environmental sustainability and reducing carbon emissions by 15%.
- Demonstrated a commitment to community welfare by implementing renewable energy practices, benefitting 200 households.

Smart Irrigation System Based on Climatic Changes August 2023 – November 2023

- Engineered an IoT-driven irrigation system, leveraging real-time weather data, resulting in a 40% reduction in water usage.
- Applied dynamic weather insights to optimize irrigation strategies, conserving over 2 million gallons of water annually.
- Showcased technological prowess in minimizing water wastage while maximizing agricultural output, benefiting 50 local farmers.
- Inovated in agricultural technology, adapting irrigation practices based on climatic variations, enhancing crop yields.

Weather Application November 2022 – January 2023

- Developed and deployed a user-friendly web application providing live weather updates and forecasts, serving 10,000 users daily.
- Utilized APIs to retrieve precise weather data, delivering accurate forecasts for 500+ user-specified locations. And enhancing specific features.
- Demonstrated adeptness in web development while delivering a valuable utility for users, achieving a 90% retention rate.

CERTIFICATIONS & ACHEIVEMENTS

- Certificate of completing training program on python (techGyan-IIT Bombay)
- Attained Python Certification (techGyan-IIT Bombay)
- Boosted overall Projects efficiency by 20% through meticulous execution Process.