

karanamtejaram@gmail.com
+91-7799249909
Chowdepalle, Andhra Pradesh
517257

Technical Skills

- Ethical hacking and penetration testing
- Embedded systems
- Time management
- Problem solving
- Academic excellence
- Quick learning
- CIA triad
- Cyber threat analysis
- Incident response
- OSINT tools
- Vulnerability assessment
- System exploitation
- DoS/DDoS mitigation
- SQL injection prevention
- Web exploitation
- Wireless security protocols
- Cryptography fundamentals
- Cloud computing basics
- C programming proficiency
- Python programming skills
- SQL database management
- Windows OS knowledge
- Linux expertise
- AutoCAD Electrical skills
- MATLAB proficiency
- MS Office suite expertise

Education

05/2024

B.Tech:

Electrical and Electronics
Engineering

Mother Theresa Institute Of Engineering And Technology

Palamaner
CGPA: 8.24

07/2020

Intermediate:

MPC

Mother Theresa Junior College

Palamaner
CGPA: 8.19

04/2018

SSC:

Ravindra Bharathi School

Punganur
GPA: 9.5

Certifications

- Certified Ethical Hacker (CEH), EC-Council v12 training
- NPTEL: Smart Grid - Basics to Advanced Technology
- NPTEL: Entrepreneurship Essentials
- Hands-on: LED lights assembling and design technology
- Workshop: Design and installation of solar PV system

Languages

Telugu: First Language

English: C1
Advanced (C1)

Hindi: B1
Intermediate (B1)

Tejaram Karanam

Summary

Quick-learning B.Tech graduate specializing in Electrical and Electronics Engineering, aiming to apply technical skills in ethical hacking, IoT, system security, and embedded systems.

Internships

SkillDzire - Electrical Vehicle Internship

- Collaborated remotely with AP State Council of Higher Education to complete projects.
- Gained hands-on experience in embedded systems and safety automation through virtual labs.
- Participated in guided online modules focused on electric vehicle components and related technologies.

IBM SkillsBuild - AI-ML Internship

- Completed six-week online internship focused on AI and ML fundamentals.
- Collaborated with APSICHE and Edunet Foundation to enhance learning experience.
- Covered model building, data handling, and practical applications of machine learning.

Hobbies And Interests

- Exploring new technologies
- Photography

Projects

Sophisticated Smart Meter Using IoT, Team Leader, 5, Step-down transformer, Bridge rectifier, Voltage Regulators, Designed and developed a smart energy meter prototype using IoT for real-time energy monitoring. Integrated cloud backend for analytics and alerts. Enabled secure communication and user authentication.

Disclaimer

I hereby declare that the information provided is true to the best of my knowledge and belief.

Professional And Soft Skills

- Quick Learner & Adaptable
- Analytical Thinker & Problem Solver
- Clear Communication & Team Collaboration
- Ability to work under pressure and multitask
- Innovative and eager to explore new technologies