

# BANDIRALA GANESH

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## CAREER OBJECTIVE

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Recent B.Tech graduate in Electrical and Electronics Engineering from Nalla Malla Reddy Engineering College, enthusiastic about cybersecurity and keen to launch a career in a Security Operations Center (SOC). Dedicated to utilizing my expertise in threat detection, log analysis, and network monitoring to assist security teams in recognizing and addressing cyber threats. Committed to ongoing learning and development in cybersecurity, aiming to become a proficient SOC Analyst.

## EDUCATION

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### NALLA MALLA REDDY ENGINEERING COLLEGE

Bachelor of Technology  
Major in Electrical & Electronics Engineering  
GPA: 7.8

Hyderabad, IN  
Oct 2022-Aug 2025

### SIDDHARTHA INSTITUTE OF TECHNOLOGY AND SCIENCE'S

Diploma  
Major in Electrical & Electronics Engineering  
GPA: 6.4

Hyderabad, IN  
Jul 2019 – Aug 2022

## PROJECTS & HANDS-ON EXPERIENCE

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### Threat Detection in Simulated Environments

- Practiced reconnaissance, vulnerability scanning, and privilege escalation
- Learned log analysis, malware detection basics, and real-world incident response

### Control & Management of Railway System Connected to Microgrid Station (MATLAB-Simulink)

- Designed a techno-economic energy storage solution using supercapacitors to improve train energy efficiency

### Solar Powered LED Street with Auto Intensity Control

- Developed an energy-efficient street lighting system driven by solar energy with automatic intensity control based on ambient light

## CERTIFICATIONS & TRAINING

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- SOC Level 1 Certification – TryHackMe
- Python Programming – Udemy
- Ethical Hacking – Udemy
- Cybersecurity Virtual Internship – Palo Alto Networks (Oct–Dec 2024)
- Networking Virtual Internship – Zscaler (Jan–Mar 2025)

## **TECHNICAL SKILLS**

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- Operating Systems: Linux (Ubuntu, Kali), Windows
- Security Tools: Splunk (basic), Nmap, Wireshark, Bettercap, YARA
- Networking: TCP/IP, DNS, DHCP, ARP, NAT
- Scripting: Python, Bash
- Concepts & Frameworks: SIEM, MITRE ATT&CK, Cyber Kill Chain
- Other Tools: MATLAB, MS Office

## **STRENGTH**

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Excellent communication, Attention to detail, Quick Learner, Multitasking

## **LANGUAGES**

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English, Telugu, Hindi.