

# Hemanth Boddupally

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## Projects

### Intrusion Detection System using AI

February 2025

- Developing expertise in detecting and analyzing cyber threats using machine learning algorithms to enhance network security.
- Gaining proficiency in feature extraction, anomaly detection, and model evaluation techniques for identifying malicious activities.
- Implementing real-time intrusion detection systems with high accuracy and minimal false positives.

### Vulnerability Scanner using Python

February 2025

- Acquiring skills in identifying security vulnerabilities by automating network and web application scanning.
- Mastering Python libraries for port scanning, banner grabbing, and vulnerability assessment.
- Designing and implementing custom scanning tools to detect common security issues, enhancing proactive defense mechanisms.

### Mini Projects using RHCSA (RH124 and RH134) Concepts

July 2024

- Implemented Linux system automation using Bash scripting, enhancing operational efficiency and minimizing manual tasks.
- Configured user management, permissions, and security policies to maintain system integrity and access control.
- Managed network configurations and troubleshooting, ensuring reliable connectivity and system communication.

## Certifications

- CompTIA Security+**  
CompTIA
- CompTIA Pentest+**  
CompTIA

Since February 2025

Since February 2025

## Certificates

- Google Cyber Security  
Coursera
- Red Hat Certified System Administrator  
RED HAT
- The Bits and Bytes of Computer Networking  
Coursera

Since December 2024

July 2024

October 2023

## Co-Curricular Activity

- Cyber Symposium 2.0 (36 hours Hackathon)

April 2024

## Skills

- Technical Skills:** Network Security, Vulnerability Assessment
- Tools:** Nmap, Wireshark, Burp Suite, Metasploit
- Languages:** Python, Java
- Operating Systems:** Windows, Linux, Ubuntu
- Soft Skills:** Communication Skills, Creative thinking, Problem-solving Skills, Adaptability, Team management

## Education

- Lovely Professional University**  
Bachelor Of Technology (CSE); **CGPA: 7.00**
- Narayana Junior College**

Since September 2022  
Jalandhar, Punjab

July 2019 – March 2021

*Intermediate; **Percentage:** 97.8%*

*Raviryala, Telangana*

- **St. Paul's High School**  
*Matriculation; **CGPA:** 10.00*

**April 2019**

*Kammagudem, Telangana*