

# POREDDY ROHITH REDDY

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## Career Objective

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To work in a professional setting that analyzes my growth and career prospects in the future. To enhance and upgrade my knowledge and skills for the organization and position.

## Education

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### Bachelor of Technology(Electronics and Communication Engineering)

SR University

CGPA:8.160

09/2020 – 05/2024

Hanamkonda, Telangana,India

### Higher Secondary

SR Junior College

Telangana State Board of Intermediate Education

CGPA:9.5

06/2018 – 06/2020

Hanamkonda, Telangana,India

### Senior Secondary

Rao's Techno International School

Telangana State Board of Secondary Education

CGPA:9.5

05/2017 – 04/2018

Hanamkonda, Telangana,India

## Skills

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### Programming

Java | SQL | Python

### Database Management

SQL (basic queries, joins, CRUD operations) |  
Knowledge of RDBMS like MySQL, Oracle

### Cybersecurity Principles and Concepts

### Information Security Concepts

CIA Triad | Authentication and Authorization |  
Information Security Policies and Procedures | Network  
Security | Incident Response

### Participated in CTF challenges

Types of Malwares, Firewalls, IDS/IPS, Email  
Security, AntiVirus

### Problem Solving

### Communication

Verbal | Written

### Documentation & Presentation Skills

### Teamwork & Collaboration

### Network Security Fundamentals

### Operating System

Windows | Linux

### Basic knowledge on

Splunk | Wireshark | Burp Suite | Nmap | AWS

### Version Control Systems

Git | GitHub

### Proxy Management

### Internet Protocols

TCP/IP | OSI | UDP | DNS | HTTP/HTTPS | FTP  
| SMTP

### Microsoft Office Suite

MS Word | MS Excel | MS PowerPoint | Outlook

### Time Management

### Proactive Learner

## Internship

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### Cybersecurity internship at CyberSec Nexus

- Gained hands-on experience in **Cyber Threats & Attacks, Digital Forensics, Network Security, and Incident Response**.
- Worked on **Web Application Security** using **OWASP** and **PortSwigger** tools.
- Enhanced practical knowledge through **Hack The Box (HTB)** and **TryHackMe** platforms by solving labs on **network security, system hardening**.
- **Participated in Capture The Flag (CTF) competitions**, solving challenges in areas such as **web security, cryptography, and digital forensics**.
- Utilized **industry-standard security tools** for analyzing vulnerabilities and strengthening system defenses.
- Developed skills in **real-world cybersecurity practices** contributing to professional growth in the domain.

## Projects

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### Secure Wireless Communication in VANET's

- Developed a secure communication protocol for VANETs to enhance and reliability of Vehicular Communication System.
- Utilized Cygwin software for simulation and analysis, implemented cryptographic algorithms for secure data transmission.

### Doorbell for Deaf People using LEDs

- The main component for the Doorbell for the deaf people circuit is the CMOS 4001 integrated circuit, which has four two input NOR gates. This circuit, doorbell for the deaf, shows a visual warning that allows the deaf person to realize the situation in which it is.

### Scientific Calculator

- Developed a scientific calculator in Java with core functionalities including arithmetic, logarithmic, and exponential operations. Utilized Java's Math class and Scanner for user input and computation, providing a text-based interface for accurate, real-time calculations and results.

## Hobbies

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- Listening to music
- Playing Volley ball, Cricket and Carrom

## Certifications

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- Introduction to Cybersecurity - Cisco
- Intro to Splunk (eLearning) - Splunk
- Introduction to Splunk SOAR (eLearning) - Splunk

## Languages

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- English
- Telugu

## Declaration

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I hereby confirm that the information given above is true to my knowledge and belief.

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Poreddy Rohith Reddy