Roshan Ali Shaik
Cyber Security Enthusiast | Bug Bounty Hunter

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Education

Program	Institution/Board	%/CGPA	Year
B.Tech. (Computer Science & Engg.)	R.V.R & J.C College of Engineering *Guntur, Andhra Pradesh*	**9.2/10**	2021-25
Class XII - AP BIE	Jupiter Junior College *Guntur, Andhra Pradesh*	**96.7%**	2019-21
Class X - ICSE	Loyola Public School, Nallapadu *Guntur, Andhra Pradesh*	**85%**	2019

Work Experience

1. *Red Team Intern*　　　　　　　　　　　　　　　　　　　　　　　**Jan-Jul 2023**
Cyber Sapiens　　　　　　　　　　　　　　　　　　　　　　　　　　　*Virtual*

○ Prepared extensive research on emerging web security threats and vulnerabilities to saty up-to-date with the latest trends.
○ Conducted comprehensive penetration testing on web applications, successfully identifying and mitigating critical vulnerabilities including *SQL injection, XSS, CSRF* and more.
○ Prepared comprehensive reports detailing vulnerabilities, their potential impact, and recommended mitigation measures.
○ Engaged in ethical hacking activities to uncover security weaknesses and provide actionable insights for improvement.
○ Conducted penetration tests to assess the resilience of web applications and networks against potential attacks.

Key Projects

1. *Child Safety IoT Device*　　　　　　　　　　　　　　　　　　　　**Dec 2023**
(B.Tech)　　　　　　　　　　　　　　　　　*R.V.R & J.C College of Engineering*

○ A child safety **IoT device** that records the location of a child that regularly updates the data to a backend which is used by a ReactJS Application to track and monitor by the parent.
○ *Keywords: IoT, Raspberry PI, GPS, GSM, Python*
○ Tech-stack(used): ReactJS, Firebase, Python

2. *NSE WebScraper*　　　　　　　　　　　　　　　　　　　　　　　**Aug 2023**
(B.Tech)　　　　　　　　　　　　　　　　　*R.V.R & J.C College of Engineering*

○ Developed an application that scrapes the real time content of the NSE India Website and analyses, gives visual representations and predicts the future stock prizes.
○ *Keywords: Python, Web Scraping, NSE India, Stocks, Price prediction*

Online Courses

○ edX: *CS50's Introduction to Computer Science, HarvardX* (Jan 2022)
○ NPTEL: *Programming in Java (May 2022), Problem Solving Through Programming in C* (Nov 2022), *The Joy Of Computing using Python* (Nov 2022), *Data Structures and Algorithms using Python* (Apr 2023), *Computer Networks and Internet Protocol (Apr 2023)*
○ Coursera: *Google Cyber Security Professional Certification* (Oct 2023)

Course Work

Key Courses　　　　　　　　　　　　　　　　　　　　**Nov 2021 - Feb 2024**
(Core and electives)　　　　　　　　　　　*R.V.R & J.C College of Engineering*

○ Course: Design and Analysis of Algorithms, Discrete Mathematics, Database Management Systems, Operating Systems, Cryptography and Network Security, Information Retrieval

Technical Skills

- Cyber Security: Manual Web VAPT, Network VAPT, Compliance, Reporting & Documentation
- Programming Language: C, C++, Java, Python
- Web Technology: HTML, Tailwind CSS, PHP, ReactJS, Firebase
- Database System: phpMyAdmin, Mysql, Oracle
- Operating System: Windows, Linux
- Framework: LAMP stack, MERN stack
- Tools: Kali Linux, Parrat OS, Wire Shark, NMAP, Metasploit, Burpsuite, NGROK, Latex, Microsoft Office

Positions of Responsibility

- *Chairperson* for *The Forerunners*, ACM Student Chapter of R.V.R & J.C College of Engineering. (Jan, 2024).

Workshops

- Attended the workshop on *Ethical Hacking*, conducted by E-Cell, IIT Hyderabad and Remarkskill Education (2023).

Achievements/Awards

- Awarded as *Intern of the Month* at CyberSapiens (Feb 2023).
- Secured *1st in Code-A-thon 2k23* conducted Informatrix Coding Club of Department of Information Technology, R.V.R & J.C College of Engineering (Nov 2023).
- Received the *NPTEL Discipline Star* under Computer Science discipline, for being an active learner and have completed more than 52 weeks of learning, from NPTEL (Apr 2023).
- Secured *1st place in Digital Detective* at Spardha 2K24 held by ACM Student Chapter of VVIT, Guntur (Aug 2023).
- Secured *2nd place in CODEWIZ,* Python Coding Competition held by ACM Student Chapter of R.V.R & J.C College of Engineering (Aug 2022).

Others

- Hobbies: Gaming, reading science fiction, music
- Languages: English, Urdu, Telugu, Hindi.

Declaration

I do hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place: Guntur, Andhra Pradesh(India)   (Shaik Roshan Ali)
Date: 28th Feb, 2024

Note: Highlighted are link to proofs and validation (if required).