

Roshan Ali Shaik

Cyber Security Enthusiast | Bug Bounty Hunter

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📁 www.github.com/RoshanAli339

Education

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

Work Experience

- Red Team Intern** Jan-Jul 2023
Cyber Sapiens Virtual
 - Prepared extensive research on emerging web security threats and vulnerabilities to stay 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

- 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
- 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, Parrot 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).