

K Vijay Kumar Reddy

Cybersecurity Analyst

Motivated Cybersecurity Intern with a background in computer science and a keen interest in threat analysis. Skilled in using security tools and committed to continuous learning in the field.

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WORK EXPERIENCE

Cybersecurity Analyst xloTz Private Limited

11/2023 - Present

Bangalore

xloTz Private Limited is a startup, based in Bangalore which offers managed cyber assurance platform which unifies SOC, NOC and TOC into one solution.

Achievements/Tasks

- Developed a new feature for the product, called CSPM(Cloud security Posture Management), which gives visibility into M365 events of the customers, hence providing a new revenue stream for the company.
- Identified root causes behind performance interruptions in the elastalert2 module on recent Ubuntu distributions, leading to improvements that fixed two major system failures affecting real-time monitoring capabilities within weeks.
- Worked with opensearch dashboards, wazuh, elasticsearch and many other opensource tools.
- Created new and custom rules in elastalert2, which when triggered would send an email to the SOC team.
- Created scripts which will give summary of different types on events in PDF format and send it to the customer, hence making the product more appealing.
- Worked on windows hardening, where I created multiple scripts which harden and patch the endpoints, hence reducing the attack surface.
- Conducted ongoing surveillance of client infrastructures within the dedicated SOC framework, establishing six distinct new alerting mechanisms that enhanced threat detection capabilities by targeting specific behavioral patterns observed.
- Conducted VA and PT for customer environments and briefed the customer regarding their security posture by making reports.

EDUCATION

Bachelor Of Technology (Computer Science and Engineering).

Lovely Professional University.

08/2020 - 08/2024

Phagwara Punjab

Courses

- Capstone project- Created a secure portable router using a raspberry pi device.
- Review paper on Evolution of EDR in cybersecurity.

SKILLS

Debugging

Researching

Networking

Problem Solving

Automation

Hardening

Report Writing

ACHIEVEMENTS

Digital Defender CTF 3rd place (07/2023)

The CTF event was conducted after participating in multiple seminars over the course of 2 months. It was a joint venture by the state of Karnataka and CISCO.

LANGUAGES

English

Full Professional Proficiency

Telugu

Professional Working Proficiency

Kannada

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Listening to security podcasts

Learning about new tools

Studying on HackTheBox and TryHackMe