



PALNATI CHANDU PRAKASH

✉ chanduprakashpalnati903@gmail.com ☎ +91-9392753177 in [palnati-chandu](#)

Professional Summary

Cybersecurity Professional with expertise in Application Security, VAPT, SOC Operations, API Security Testing, and Endpoint Protection. Skilled in integrating security into DevOps pipelines, performing vulnerability assessments, and collaborating with cross-functional teams to strengthen organizational security posture.

Work Experience

Application Security Analyst

Yalamanchili Solution for Payments — Vizag, India
Jul 2024 - Till date

Projects handled:

- **Web Application Security Assessment** - Spearheaded security audits for 10+ client-facing web applications, pinpointing critical vulnerabilities including SQLi, XSS, and CSRF, and decreased critical vulnerabilities by 33% through developer collaboration to promote secure coding practices.
- **API Security Testing** - Conducted manual and automated API security assessments using Burp Suite, identified and resolved 15 critical vulnerabilities, and mentored 2 junior analysts on secure API testing techniques.
- **DevSecOps Integration** - Integrated SAST and DAST security scans into CI/CD pipelines to automate vulnerability assessments, enhance DevSecOps practices, and accelerate remediation of security issues.

Roles and Responsibilities:

- Conducted comprehensive **Web Application Vulnerability Assessments and Penetration Testing (VAPT)** using Burp Suite, Postman, and SoapUI to identify and remediate security vulnerabilities.
- Performed **API security testing** for REST and SOAP web services, ensuring secure authentication, authorization, and input validation.
- Integrated **security tools** into **CI/CD and DevOps pipelines** to automate **vulnerability scanning, detection, and remediation**, enhancing overall security posture.
- Supported **SOC operations** as a **Level 1 Analyst**, monitoring, analyzing, and escalating incidents using **SIEM platforms**.

- Collaborated with the **EDR team** leveraging **Bitdefender** to strengthen **endpoint security** and improve malware detection and containment.
 - Conducted **web application functionality and security testing** with a focus on **endpoint protection** and compliance with industry standards.
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Cybersecurity Intern Cyber Sapiens – Mangalore, India

July 2022 - Dec 2022

- Conducted comprehensive **vulnerability assessments** and **penetration testing** across web and network platforms, aligned with **OWASP Top 10** and industry security standards.
 - Performed **web application security testing** using **Burp Suite** and **network scanning** with **Nessus** and **Nmap** to identify and prioritize security risks.
 - Assisted in the **remediation of critical vulnerabilities**, enhancing **application security posture** and mitigating potential threats.
 - Collaborated with **threat intelligence and cybersecurity teams** to detect, analyze, and respond to emerging security threats.
 - Utilized **SIEM platforms** to monitor, investigate, and report **security incidents**, ensuring timely response and compliance with organizational security policies.
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Education

- **B. Tech in Cyber Security - 7.16**
Kakinada Institute of Engineering & Technology, Kakinada, India
Graduated: May 2024
 - **Intermediate - 7.1**
Sri Sarada Junior College, Nuziveedu
 - **Secondary School Certification (SSC) - 9.8**
Creative E.M High School, Tukkuluru
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Technical Skills

- **Programming Languages:** Java, Python
- **OS & Tools:** Caldera, Burp Suite, Postman, SoapUI, Metasploit, Nmap, Wireshark, Nessus, BEeF, Fortinet, Snort,
- **Technologies:** Computer Networks, HTML5, Endpoint Detection and Response (Bitdefender)
- **Security Skills:** Web Application VAPT, SOC Operations (SIEM Monitoring), EDR Security Operations, QA Testing (Functionality Testing)
- **Soft Skills:** Self-Assured, Assertive Decision-Maker, Articulate Communicator,

Freelance Bug Bounty Hunter

- Improved platform security by up to 40% through ethical hacking initiatives.
- Disclosed vulnerabilities in applications such as Exirio, MyDukaan, Chain Analysis, Tinder, and Sectona.
- Participated in multiple Vulnerability Disclosure Programs (VDPs).

Academic Project

Password Manager with Encryption

- Designed a web application for storing and generating strong passwords.
- Implemented SHA-512 encryption algorithm for secure password storage.
- Built a password strength tester to help users create robust passwords.
- Developed using MySQL for database management and Python for application logic.

Declaration:

I hereby declare that the above information is true to the best of my knowledge

Signature