

SAMEER CHAUHAN

Experience and work done-

From my initial days of college itself I am very much interested in cyber security field so I decided to work upon it and study in depth I done many free as well as paid certifications from forage, interns Hala, and course era so I gained much knowledge about it since I am from computer science background I know computer programming too like c ,c++,python ,java but as I progressed this field I learned that client-server languages and scripting languages are also important so I learned JavaScript ,html, Perl, rust, ruby and Django framework as well since in my college vit Vellore we have apple developer club and I am core committee member so I also worked in swift and iOS level vulnerability as well apart from that have worked on a number of projects in the cybersecurity space that not only enhanced my skills but have also had a significant impact on the overall security development One of the projects I worked on was a full VAPT on the web and mobile apps of a major financial institution. I used a variety of tools, such as industry-leading scanners such as Nessus, Burp Suite, and others, to find vulnerabilities in their applications. Using these tools, I was able to analyse the source code of the application and conduct simulated attacks to simulate real-world attacks. This experience not only enhanced my ability to identify vulnerabilities but also helped me create effective mitigation strategies to make sure that the client's applications were strong and able to withstand a full range of cyberattacks. The project had a positive impact on the organization's risk exposure and overall security posture due to the ability to report and fix vulnerabilities. During this project, I developed my ethical hacking skills, reverse engineering skills and threat modelling skills. I have also worked in bringing AI/ML techniques in cyber security like I tried predicting malware analysis by AI/ml model, threat detection by AI/ML.in cyber security domain we are ever a student or learner no one is perfect in this field as we must keep on upgrading ourself on daily basis like new antivirus comes on regular basis we also must improve our knowledge and skill set to evade the various threats and malwares. Along with this I also performed vulnerability analysis on my college website and found some bugs and reported them, I have also done CEH from EC council and learned various concepts and modules and solved various I-labs as well. Whenever I have free time, I play around with vuln hub machines and try to perform exploit on those machines, try to crack passwords and many other things, I have command on various tools like nmap, Nessus, open vasp, nikto, hydra, msf console along with various so like windows, kali, ubuntu, parrot os

VAPT Web & Mobile Application VAPT: I Conducted comprehensive Vulnerability Assessment and Penetration Testing (VAPT) for a diverse range of web and mobile applications across various websites including my college, mobile as well as mobile applications on my android phone as well I Utilized industry-standard tools such as Nessus, Burp Suite, OWASP ZAP, and mobile application-specific testing frameworks and tools like Appium, calabash and detox, robot framework as well Developed and executed custom attack vectors to simulate real-world threats, ensuring thorough testing of applications' security posture along with this me and my group Conducted source code reviews, identifying and analysing security vulnerabilities at the code level, enabling precise remediation recommendations We Collaborated closely with development teams to prioritize and assist in remediation efforts, resulting in a substantial reduction in identified vulnerabilities and enhancing the overall security of applications and Produced detailed VAPT reports, including

identified vulnerabilities, exploitation techniques, and recommended countermeasures, facilitating clear communication with clients and stakeholders.