

Saurabh Kumar

Ethical Hacker / Penetration Tester



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Education

Sept-2020– Jul-2021

Computer Science, Bachelor of Technology

NIIT University, Neemrana, Rajasthan



Certificates

CEH Practical v11

Oracle Cloud Infrastructure Foundations Associate

Cybersecurity Essentials

Introduction to Cybersecurity

Programming Essentials in Python



Work Experience

Jan-2024 – Present

Information Security Analyst

Astra Security, Chandigarh, India

- Perform thorough security assessments with the goal of identifying potential vulnerabilities.
- Work in close partnership with clients to address identified vulnerabilities, resulting in enhanced security for their systems and software.
- Assume a pivotal role in diligently overseeing data file management, while implementing stringent access controls to safeguard confidential information with the highest level of professionalism and impact.
- Thoroughly scrutinize and take proactive measures to manage instances of unauthorized access to sensitive data within the context of client services with exceptional attention to detail.
- Load test on web applications.
- Vulnerability assessment and penetration testing on web and Mobile Applications in addition to network infrastructure, APIs and Cloud

Apr-2023 – Dec-2023

Information Security Analyst Intern

Astra Security, Chandigarh, India

- Performed thorough security assessments with the goal of identifying potential vulnerabilities.
- Worked in close partnership with clients to address identified vulnerabilities, resulting in enhanced security for their systems and software.
- Assumed a pivotal role in diligently overseeing data file management, while implementing stringent access controls to safeguard confidential information with the highest level of professionalism and impact.
- Thoroughly scrutinized and took proactive measures to manage instances of unauthorized access to sensitive data within the context of client services with exceptional attention to detail.
- Load test on web applications.
- Vulnerability assessment and penetration testing on web and APIs

Jan-2022 – Sept-2022

Dec-2022 – Apr-2023

Cyber Security Analyst Intern

Digisec360, Bengaluru, India

- Crafted organization-wide policies to align operations with the rigorous standards set by the Centre for Internet Security (CIS), demonstrating a powerful fusion of professionalism and strategic prowess that leaves a lasting impact.
- Offered constructive suggestions to strengthen security procedures and approaches, with a focus on maintaining professionalism and applying strategic thinking.
- Performed impactful risk analyses to identify optimal security countermeasures, exemplifying a professional demeanor and displaying astute decision-making skills that create a substantial impact.
- Conducted comprehensive security assessments to reveal potential vulnerabilities.
- Load test on web applications and network.

Security Analyst Intern

Mahen Technologies, Mumbai, India

- Provided professional safety reports and insightful data analysis on security protocols.
- Effectively reduced security risks by bolstering protocols and ensuring unwavering compliance with regulations.
- Monitored computer virus activity diligently, evaluated optimal timing for antivirus updates judiciously, and exhibited professionalism and sound judgment throughout virus protection efforts.
- Conducted enlightening sessions and extensive training programs to educate users about information security policies, protocols, and effective preparation for the CEH exam.
- Load test on web applications.
- Work closely with developers and business managers on the customer side to help understand and mitigate application vulnerabilities



Skills

- | | |
|----------------------------|-------------------|
| ● Linux | ● Android Testing |
| ● API Testing | ● Python |
| ● Active Directory Testing | ● Web Development |
| ● Docker | ● Cloud Testing |
| ● Network Security | ● Rust |



Accomplishments & Project

CEH Trainer

Instructed students in preparation for the CEH certification, a prestigious credential in the field of Ethical Hacking.

Vulnerability Scanner

The project's goal was to develop a platform that automates security research tasks, aiding experts in identifying fundamental web application vulnerabilities. This platform provides a user-friendly interface for effortlessly starting, running, and halting scans.

Workshop Speaker

Took workshops for the Walt Disney employees as a lead speaker, and also for other colleges and companies.

CTF Organizer at siNUroid v5, NIIT University

Organized and hosted the CTF event for the Tech Fest siNUroid v5 of NIIT University.

Digispark Scripts

Wrote Digispark Scripts that work exactly as Rubber Ducky