

# 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