

# Nikhil Kumar

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## SKILLS

- **Languages:** C, C++, Python
- **Web Technologies:** HTML , CSS, JavaScript
- **Tools:** Nmap, Burp Suite, Wireshark, Nessus, Metasploit, Docker, OWASP ZAP, Jenkins, Nagios
- **Platforms:** Microsoft Windows 8, 10, 11, Linux, AWS
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability
- **Technical skills :** Penetration testing, Network security, Web application security, Security frameworks, and Vulnerability reporting and documentation.

## PROJECTS

- **Keylogging Application:** -Mar'24  
Successfully recorded keystrokes on the targeted system, including text inputs and passwords. Logged keystrokes with timestamps, stored data locally or remotely, possibly encrypted for security, and could send logs to specified email or server. Developed using languages like Python utilizing techniques to intercept keyboard events or hook into OS input.
- **Ci/CD Project with Monitoring:** -Mar'24  
Implemented a robust CI/CD pipeline leveraging AWS EC2, Docker, Jenkins, and GitHub to automate the build, test, and deployment processes for web applications. Configured Jenkins to fetch code from GitHub and trigger builds automatically on new commits via webhooks. Also integrated Nagios for server monitoring.  
**Tech:** AWS EC2, Docker, Jenkins, GitHub, git, Nagios
- **Breathefree – Web Application** -Sep'23  
Constructed a comprehensive web application using HTML, CSS, and JavaScript to provide detailed information about various respiratory diseases and their associated symptoms. Implemented a multi-page structure to organize information, systematically, allowing user to explore details.  
Skills Demonstrated are HTML, CSS, JavaScript, Responsive Design, User Interface Design, Information Architecture  
**Tech:** Html, CSS, JavaScript

## CERTIFICATES

- Certified Ethical Hacker – EC Council - Nov'24
- Data Structure and Algorithm using C++ - GFG - Oct'23
- The World of Computer Networking (Udemy) -Aug'23
- Computer Architecture and Computer Organization (Udemy) - May'23

## ACHIEVEMENTS

- 5 Star Rank in C Language – Hacker Rank
- 3 Star Rank in C++ Language – Hacker Rank

## Extra-Curricular Activity

- Participated in CTF event held in university.
- Volunteered in a Photography Event “Tasveer- a photo festival”.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 6.82* Since August '21
- **Elite International School** Jhajjar, Haryana  
*Intermediate; Percentage:82%* April 2020 - March 2021
- **Elite International School** Jhajjar , Haryana  
*Matriculation; Percentage:85.2%* April 2018- March 2019