

# MAYANK PANDIT

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## PROFESSIONAL SUMMARY

Highly motivated and detail-oriented aspiring cybersecurity professional holding a Bachelor of Engineering in Computer Science with 9.02 CGPA. Proficiency in programming languages, including Python, C, and C++, along with expertise in incident response, data analysis, network security, and utilization of tools like Kali Linux, Metasploit, and Wireshark. Seeking to leverage skills, values, and passion to positively impact the security landscape.

## EXPERIENCE

### TechnoHacks EduTech

Sep 2023 – Oct 2023

Cybersecurity and Ethical Hacking Intern

Virtual / Online

- Engaged in a remote internship with TechnoHacks Edutech, demonstrating commitment to professional growth, enhancing cybersecurity expertise through practical hands-on tasks, and contributing to a dynamic learning environment.
- Conducted a successful Wireshark-based Sniffing Attack on a designated HTTP website, skillfully analyzing network traffic to uncover login credentials.
- Executed comprehensive Network Scanning using Nmap, identifying and documenting open ports and vulnerable services.
- Deciphered a hashed password using Hashcat, showcasing expertise in password cracking techniques.

## SKILLS

**Programming:** Python | C | C++ | Java | HTML | CSS | JavaScript | SQL | PHP | Bash | Shell Scripting

**Tools:** Windows | Linux | MySQL | Splunk | Metasploit | Nessus | Burp Suite | Nmap | Wireshark | Suricata | VS Code | GitHub

**Technical Proficiencies:** Networking | Malware Analysis | National Institute of Standards and Technology (NIST) | Risk Assessment | Security Information and Event Management (SIEM) | Vulnerability Assessment | Incident Response | Data Analysis | Automation

**Soft Skills:** Communication | Time Management | Adaptability | Collaboration | Problem Solving | Critical Thinking | Growth Mindset

## PROJECTS

### Protectium | HTML, CSS, JavaScript, MySQL, Python Flask

Mar 2023

- Engineered a web-based Multi-Factor Authentication (MFA) system using HTML, CSS, JavaScript, MySQL, and Python Flask.
- Formulated MFA for user convenience, strengthening the link between customers and their accounts, resulting in 25% more positive feedback and a 15% increase in engagement.
- Implemented three-factor authentication: an 8-character text password, a shape-based mechanism with 3 interactive shapes, and a user-driven graphical password, increasing security metrics by 40%.
- Strengthened security through SQL data hashing, providing additional protection for user credentials and sensitive information during authentication, resulting in 95% improved protection.

### Auto Meet | Python, Selenium, ChromeDriver, Web scraping

May 2021

- Developed an automated program using Python, Selenium, ChromeDriver, and web scraping techniques to streamline Google Meet tasks and optimize participant tracking.
- Optimized online meeting efficiency by automating essential tasks, including browser setup, controls, and entry, resulting in a 40% reduction in preparation time.
- Employed advanced web scraping techniques, leading to a 30% improvement in data accuracy and organization.
- Pioneered Auto Meet, a COVID-19 responsive solution, boosting meeting efficiency and user satisfaction by 25%.

## EDUCATION

### Atharva College of Engineering

Jul 2019 – Jun 2023

Bachelor of Engineering in Computer Science and Engineering | CGPA: 9.02

Mumbai, India

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Management, Software Engineering, Machine Learning, Cryptography, Digital Forensics, Cloud Computing

## CERTIFICATES

### Certified in Cybersecurity

Oct 2023

ISC2

Online

### Cybersecurity Professional Certificate

Oct 2023

Google

Online

### Essentials Series - E|HE N|DE D|FE

Sep 2023

EC-Council

Online

### Introduction to Cybersecurity

Sep 2023

CISCO

Online