

# PUNEET GROVER

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## PROFILE

A prudent risk-taker with a background in finance, currently seeking a role in cybersecurity. I possess endpoint and network analysis expertise, focusing on vulnerability assessment, identification, and management. Extensive operational understanding of IDS systems such as Snort and SIEM solutions, including Splunk. Working knowledge of MITRE ATT&CK and NIST.SP.800-53 cybersecurity framework and well-versed in GDPR and PCI-DSS compliance standards.

## TECHNICAL SKILLS

### Cybersecurity Defensive Skills

- Network Security: Wireshark / tcpdump
- IDS / IPS: Snort
- Firewall Management: pfSense
- SEIM: Splunk
- Incident Response & Recovery
- Digital Forensics

### Other Skills

- Python & Bash Scripting
- Linux / Windows / MacOS
- Server Administration
- TCP/IP Protocol Stack
- DNSSEC / DHCP / NFS / VPN
- Virtualization: VMware / Hyper-V
- Azure / AWS Experience

### Cybersecurity Offensive Skills

- Vulnerability Assessment
- Network Penetration Testing
- Web Application Security
- Active Directory Assessment
- Wireless Network Security
- Threat Intelligence
- Security Architecture & Design

### Cybersecurity Standards

- MITRE ATT&CK
- NIST Cybersecurity Framework
- OWASP Application Security
- OSSTMM
- NIST.SP.800-53
- PCI-DSS
- GDPR






### Cybersecurity Tools Proficiency

- Nessus / OpenVAS
- NMAP
- Burp Suite
- Metasploit / msfvenom
- SET (Social Engineering Toolkit)
- Maltego / Recon-ng
- Autopsy / FTK Imager

### Soft Skills

- Collaboration
- Attention to Detail
- Problem Solving
- Written / Verbal Communication
- Adaptability / Flexibility

## CERTIFICATES

- Cybersecurity, Data Protection and Digital Forensics
- CompTIA Security+ 
- CompTIA Pentest+ 
- CompTIA CNVP 
- Google IT Support 
- Google Cybersecurity 

## EDUCATION

### Masterschool - Cybersecurity Program, Masterschool

2023 – 2024 | United States

A comprehensive program providing advanced knowledge and skills to protect digital assets, mitigate threats, and lead in the evolving field of cybersecurity.

### Masters of Business Administration, IMT

2011 | India

Specialization in Finance and Marketing.

## PROFESSIONAL EXPERIENCE

### Masterschool

#### *Cybersecurity Teaching Assistant*

2024 – present

- Collaborated in the design of an innovative cybersecurity curriculum, resulting in a 12% increase in student enrollment due to course appeal.

#### *Junior Cyber Support Advisor*

2023 – 2024

- Implemented solutions for VPN, connectivity, and virtualization challenges, significantly improving user experience.

### **CyberGrover**, *Founder / Self-Employed*

2022 – present

- Engineered advanced trading bots using Python, enhancing trading strategies which resulted in a 5% passive increase in portfolio value within the first year.

### **Scotiabank**, *Senior Financial Advisor / Financial Advisor*

2018 – 2022

- Orchestrated tailored investment strategies for over 200 clients, leading to an average of 8% portfolio growth annually.

### **Industrial Development Bank**,

2011 – 2017

#### *Credit Manager / Internal Audit Manager*

- Spearheaded a risk assessment initiative that reduced non-performing assets by 3% through strategic audit practices.

## PROJECTS

### **Cyber Forensics Investigation with Autopsy, FTK Imager, and Advanced Tools: A Practical Study**

- Conducting in-depth research and analysis of advanced tools like Autopsy and FTK Imager while studying cyber forensic investigation methodologies.
- Harnessing tools such as NMAP, Exiftool, Dirb, Metasploit, and JohnTheRipper to accomplish project goals.

### **Ethical Penetration Testing and Network Security Enhancement**

- Conducted ethical penetration testing to replicate real-world attack scenarios, identifying vulnerabilities and potential data exfiltration risks.
- Deployed advanced tools like Hydra, Nikto, Searchsploit, and others to improve testing efficacy, while devising and executing resilient mitigation strategies to protect sensitive data and bolster network security measures.

### **Securing E-Commerce: Designing a Resilient LAMP-Based Webstore Architecture**

- Designed a secure and scalable online website architecture employing the LAMP stack, guaranteeing the integrity of e-commerce transactions.
- Systematically addressed security aspects, including authentication, authorization, data encryption, and protection against common web vulnerabilities such as SQL injection, SSRF, XXE, and XSS.