

# Kanishk Patel

Cyber Security Engineer | OSCP Certified | Security Consultant

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## SUMMARY

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OSCP-certified Cyber Security Engineer with experience in penetration testing, vulnerability assessment, web application security testing, and enterprise infrastructure management. Proven ability to identify, validate, and communicate security risks through hands-on assessments and client-facing engagements. Strong foundation in Linux, networking, DNS, cloud services, and security operations.

## EXPERIENCE

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### Security Consultant - Payatu Security Consultancy

May 2025 - Present

- Conduct comprehensive VAPT across infrastructure, network, and application layers for 10+ client environments.
- Perform CIS benchmark assessments validating 150+ security controls against industry standards.
- Review firewall configs, ACLs, and segmentation, identifying 40+ security gaps and misconfigurations.
- Reduce false positives by 30% through manual exploit validation; enable 80%+ remediation closure.

### Systems Engineer - Catchpoint Systems

Aug 2023 - May 2025

- Managed 1,000+ servers across multiple data centers, ensuring 99.9% uptime.
- Reduced incident resolution time by 35% via proactive monitoring.
- Administered Windows & Linux systems for 500+ enterprise users.
- Implemented hardening controls contributing to a 40% reduction in high-severity alerts.

## CERTIFICATIONS

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- Offensive Security Certified Professional (OSCP) - Jan 2023 to Jun 2023

## SKILLS

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- Penetration Testing, VAPT, Web App Security (XSS, SQLi), Threat Modeling, Exploit Development
- Networks: TCP/IP, DNS, DHCP, SSL/TLS, Firewalls, IDS/IPS, Tunneling & Pivoting
- Systems: Linux (Advanced), Windows (Advanced), Server Hardening, Virtualization, Containers
- Scripting: Python, Bash, PowerShell, Perl, Ruby, C/C++
- Tools: Metasploit, Nmap, Burp Suite, Wireshark, Docker, Jenkins, Git, Synology

## PROJECTS

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- SaturationGuard - SDN control-plane saturation attack mitigation (90% detection accuracy).
- Self-Hosted Homelab - DNS, DHCP, reverse proxy, monitoring, Docker/Podman, NAS backups.

## EDUCATION

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- B.Tech. Computer Science Engineering - IIT Indore (CGPA 7.56)