

Parth Patel

Cybersecurity Specialist | AI & ML Enthusiast

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Montreal, Quebec, Canada

Professional Summary

Versatile and results-driven Cybersecurity Specialist with over 3 years of experience in application security testing, vulnerability assessment, and network administration. Proven expertise in securing IT infrastructure, conducting penetration testing, and implementing security protocols. Passionate about integrating AI & Machine Learning into cybersecurity solutions to drive intelligent threat detection and automation. Adept in scripting, cloud platforms, and server virtualization.

Core Competencies

- Cybersecurity & Risk Management: Penetration Testing, Vulnerability Assessment, Information Security, Digital Forensics, Cyber Defense
- Infrastructure & Systems: Server Management, System Administration, Network Security, Cloud Computing (Docker, KVM, TrueNAS)
- Application & Web Security: Secure SDLC, Application Security Testing, Web Security Audits
- Scripting & Automation: Command Line, Bash, Python Scripting, AI-based Threat Detection
- AI & ML Integration: Machine Learning Concepts, Security Automation, Predictive Modeling

Professional Experience

Application Security Tester

The Social Sense, Vallabh Vidyanagar, Gujarat, India (Hybrid)

Sep 2022 – Aug 2024

- Conducted end-to-end security assessments of web and mobile applications using OWASP methodology.
- Implemented a vulnerability management framework to track and remediate risks across the application lifecycle.
- Automated recurring security tests through custom-built tools and scripts.
- Worked cross-functionally with development and QA teams to embed security into CI/CD pipelines.

Security & Website Security Specialist

Hacker4help, Anand, Gujarat, India (Hybrid)

Sep 2021 – Aug 2022

- Led network penetration tests and simulated attacks to uncover vulnerabilities.
- Designed security guidelines and implemented mitigation strategies to reduce breach risks.
- Assisted clients in achieving compliance with security standards through documentation and audits.
- Delivered security awareness training to IT teams and end-users.

Education

Artificial Intelligence & Machine Learning (In Progress)

Collège LaSalle, Montreal, Quebec, Canada

2024 – Present

Certificate in Penetration Testing and Digital Forensics (CPTDF)

Cyber Security India, Gujarat, India

2019 – 2021

Grade: A2

Certifications & Tools

- Ethical Hacking and Penetration Testing (CPTDF)
- Tools: Wireshark, Burp Suite, Nmap, Metasploit, Nessus, Kali Linux
- Platforms: Linux, Windows Server, VMware, Docker, TrueNAS