Tajinder **Singh**

CYBER SECURITY ENGINEER · SOFTWARE ENGINEER · SECURITY EXPERT

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"Cyber Security Engineer at GFG (global-fashion-group.com)"

Technical Skills

DevOps Security	AWS, Docker, Kubernetes, Terraform, Jenkins, ScoutSuite, Security Monkey, TruffleHog, OSSec, etc
Application Security	OWASP, SonarQube, Burp Suite, Zap Proxy, WAF, SQLMap, Netsparker, Custom Scripts and exploits
Network Security	WAF, VPNs, SSL, Nmap, CS-Suite, Guard-Duty, DLP, Wireshark, Domain takeovers, etc
Vulnerability Assessment	Nessus, Qualys, OpenVAS, Nexpose, Metasploit, Nikto, Dependency Check, DockScan, etc

Experience

GFG eCommerce Technologies GmbH   *Berlin, Germany*
SENIOR SECURITY ENGINEER   *Nov. 2019 - Present*

- DevSecOps oriented role.
- Developing testing scripts and procedures.
- Bug bounty - h1 based, reports validations, response, and closure.
- Performing infrastructure and application security assessments.
- Developing and leveraging custom exploits.
- Developing processes, implementing tools and techniques to perform ongoing security assessments of the environment.
- Working on improving provided security services, including the continuous enhancement of existing methodology material.
- Conducting security pieces of training across different teams for secure coding practices, DevSecOps, and cybersecurity awareness.

Paytm, One97 Communications Limited   *Noida, India*
LEAD SECURITY ENGINEER   *Aug. 2016 - Sept. 2019*

- Security Architecture Review of applications and hosted infrastructure.
- Bug bounty - Reports validation, response, and closure.
- Application security testing (Web, Android, iOS and API endpoints).
- Static and source code analysis (SAST and DAST).
- Infrastructure vulnerability assessments and penetration testing.
- Carried out red teaming activities.
- Implemented Akamai WAF, Siteshield and other services on critical end-points (Started this project from scratch).
- SecDevOps and end to end product security.
- Conducted security pieces of training across different teams. Content included Secure coding practices, DevOps Security and cybersecurity awareness.
- Security audits across different verticals.
- Incident response and handling.
- Ensured PCI-DSS, RBI PPS, NPCI and RBI compliances.

Freshworks Inc. (formerly Freshdesk)   *Chennai, India*
SECURITY ENGINEER   *Feb. 2015 - Aug. 2016*

- Web Applications and API penetration testing.
- Bug bounty program - validations and response.
- Ensured the security best practices and compliance.
- Infused security in SDLC and ensured the security sign-off to weekly releases.
- Security reviews for AWS based cloud infrastructure on the timely basis.
- Vulnerability Assessment (VA) and Penetration Testing (PT) of cross-platform apps and infra.

NT Global   *East Africa*

Cyber Security Trainer   *July 2014 – Jan 2015*

- Trained Government Organization people over penetration testing and ethical hacking.

Education

Lovely Professional University   *Jalandhar, India*

Masters (M.Tech) in Computer Science and Engineering   *2013 - 2014*

- Thesis: Developed scripts for performing Android forensics.
- Major: Information Security / Cyber Security.

Lovely Professional University   *Jalandhar, India*

Bachelor (B.Tech) in Computer Science and Engineering   *2010 - 2013*

- Delivered various cybersecurity seminars and workshops.
- Performed red teaming activities to university tech infra .

Lovely Professional University   *Jalandhar, India*

Diploma in Computer Science   *2007 - 2010*

- 3 years diploma in computer science
- Did small projects in data structures

Honors & Awards

2015	**Hall of fame**, Intuit. Ref: http://tiny.cc/r2uslz	*online*
2015	**Team Member**, National Cyber Defence Research Centre (NCDRC)	*India*
2018	**Technical Speaker**, Defcon, HatCon, NCSC Security conferences	*Multiple, India*
2012	**Certificate of Merit**, Devision of Students Affairs - Lovely Professional University (LPU)	*Jalandhar, India*
2011	**CehV6 Certified**, Certified Ethical Hacker by EC-Council	*Online*