

**Komal Armarkar**

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**Application Security Analyst**

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## **PROFESSIONAL SYNOPSIS :**

Security Research Professional whose qualification includes a degree in computer science and Global Certifications like CEH, Qualys-VM, Qualys-PC. Good knowledge of application level vulnerabilities and corresponding attacks, manual techniques to test the exploitation feasibility. Resourceful and a goal oriented individual.

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## **SKILLS :**

- Web Application Security Manual as well as automated testing
  - Knowledge of Vulnerability Assessment .
  - [Hands on experience in bash scripting.](#)
  - Proficient in Linux Operating System Configuration, utilities and monitoring.
  - Knowledge of security and privacy standard ISO/IEC 27701, NIST
  - Manually/Automated checking of Owasp Top 10 vulnerabilities.
  - Understanding and Implementation Server Security and imply security hardening in accordance.
  - Able to clearly understand the problems and find positive solutions through the use of troubleshooting, problem solving, teaming and communication skills.
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## **TOOLS USED :**

- BurpSuite Community/Pro.
  - Nmap
  - Nessus
  - Qualysguard VM
  - Qualysguard PC
  - Wireshark
  - Nexpose
  - Metasploit
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## **PROFESSIONAL CERTIFICATIONS :**

- Certified Ethical Hacker ( ECC89630247512 )
  - QualysGuard Certified Specialist - Vulnerability Management
  - Red Hat Certified Engineer (RHEL 6)
  - Red Hat Certified System Administrator (RHEL 6)
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## **Accomplishments :**

- Appreciated and acknowledged by [NCIIPC \( a unit of NTRO, India \)](#)
  - Achievement Badge by Bugcrowd
  - [Hall of Fame by Bugcrowd](#)
  - [Hall of Fame by Indeed](#)
  - [Hall of Fame by Caffeine TV](#)
  - [Hall of Fame by Underarmour](#)
  - [Hall of Fame by iRobot](#)
  - [Hall of Fame by MoneyTree KK](#)
  - Hall of Fame by Caviar
  - [Hall of Fame by Pantheon](#), [Optimizely](#), [Mailgun](#)
  - Presented a talk on "[Command Injection](#)" at [InfosecGirls](#), a Infosec Chapter lead by Vandana Verma, OWASPWIA Lead India.
  - Presented a talk on "[Recon Methodology](#)" at [InfosecGirls](#), a Infosec Chapter lead by Vandana Verma, OWASPWIA Lead India.
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## **WORK EXPERIENCE :**

### ***Freelance Work***

- Conducted Web Application Pentesting for 3 clients based in India(Government Website) and the Middle East ( E-commerce and Workforce management)
- Conducted testing on "Order management flaws" like Price manipulation during order placement, Shipping address manipulation after order placement, "Content management system flaws" like Unusual activities involving role-based access control, Flaws in third-party application program interfaces (APIs) and also flaws like "Use of multiple coupons for the same transaction", "Predictable coupon codes" etc on the E-Commerce Websites.
- Also conducted OWASP TOP 10 tests like OWASP Top 10 tests like "Injection Attacks" , "Session Management Flaws", "Sensitive Data Exposure", "Broken Access Control" etc on the websites
- Security Hardening tests like Password Policy Implementation, Enforced SSL Implementation, Open ports and Services on the Webserver were also checked.

***QA Engineer, Policy Compliance – Qualys Security Tech Services Pvt Ltd, Pune Period: 22 nd August 2016 – 10th April 2019***

### ***RESPONSIBILITY:***

- Manual Testing on Signatures and Security Policies developed on OS like Linux, Debian, Windows.
- Researching for vulnerabilities.
- Testing the Provided technology ( Any OS, network devices, firewalls etc ) in accordance with CIS, NIST, DISA Benchmarks.
- Working on Administrative Policies like Group Policy Administration, Windows Registry Security etc
- Automation of processes and tasks in hand.

***Linux System Administrator - Mithi Software Technologies Pvt. Ltd. Period: 2nd September 2013 – July 2016.***

**RESPONSIBILITY:**

- Understanding Server Security and implying server hardening.
- Remote Installation, Deployment, Reconfiguration of product on Linux platform, configuring, monitoring, troubleshooting of email Servers for spectrum of clients and ensuring maximum Network and Server uptime.
- Interacted and provided Web Training to customers of company across India.

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**TECHNICAL EXPERTISE :**

- Security Technologies: BurpSuite, NMAP, Wireshark, QualysGuard, Nessus, MetaSploit.
- Systems: Redhat, CentOS, Ubuntu, Kali
- Software: MS Office (Word, Excel, Outlook, Access, PowerPoint)

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**EDUCATION :** Bachelor's Degree : Computer Technology, RashtraSant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra