

# GURUPRASAD G V

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## INFORMATION SECURITY MANAGEMENT PROFILE

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### Synopsis:

- ⇒ Result oriented professional with 13+ years of versatile experience across diverse organizational domains.
- ⇒ Distinguished holder of multiple certifications, currently functioning as Associate Manager with EMC.
- ⇒ Completed **Executive MBA** from Indian Institute of Foreign Trade, Delhi backed by **B.E (Instrumentation and Electronics)**, Bangalore University.
- ⇒ Lead the vulnerability management function across EMC within Global Security Operation Center within IT.
- ⇒ Provide monitoring and up keeping of security monitoring device, to assist in incident response and validation.
- ⇒ Well versed in Application Security, Vulnerability Assessment/ Management, Penetration Testing, Integrating Secure into SDLC, OWASP Testing Methodologies, Threat Management and Threat Intelligence & Response.
- ⇒ Good knowledge of Web Application Testing tools like HP WebInspect, IBM Rational AppScan and Fortify Secure Code scanner and other open sources tools like Paros Proxy, Achilles, Tamper IE Tool, Wikto, Nikto and WebScarab.
- ⇒ Proven ability in rendering presales support on Information Security, Security Consulting, PCI-DSS.
- ⇒ Proficient in analyzing information system needs, evaluating end-user requirements, custom designing solutions, troubleshooting for complex issues.
- ⇒ Versatile business manager with proven competencies in optimizing team dynamics uniting diverse agenda to common goal and harnessing strategic and operational drivers to deliver results.
- ⇒ Capable of defining business mission and integrating resource strengths to deliver impeccable performances aligned to overall objectives.
- ⇒ Demonstrated leadership, teaming, organizational and people-management skills with consistent performance levels in excess of job requirements.

### Core Competencies:

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|--------------------------|--------------------------------------|
| ⇒ Strategic Planning     | ⇒ Reporting & Documentation          |
| ⇒ General Administration | ⇒ Resource Optimization              |
| ⇒ Technical Support      | ⇒ Customer Relationship Management   |
| ⇒ Project Management     | ⇒ Cross Functional Team Coordination |
| ⇒ Compliance Management  |                                      |



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## ACADEMICS

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- ⇒ **Executive MBA** from Indian Institute of Foreign Trade, Delhi, 2012
- ⇒ **B.E (Instrumentation and Electronics)**, Bangalore University, 2000

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## PROFESSIONAL EXPERIENCE

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### EMC

Apr 2009 till date

#### **Role: Principal Engineer – RSA Security**

##### Responsibilities:

Lead the Security Testing Practice for the RSA Security product line, responsible for revamping the security test practice across Advance Security Operation Center product line. Chair the “Product Security Forum” to lead efforts to build a cohesive force to address early identification of Security defects in products across EMC-RSA.

- ⇒ Streamline Security test function across different product line
- ⇒ Be a frontline for Product Security Response Center for all vulnerability management issues
- ⇒ Design and manage a test lab for recreating security vulnerability scenarios
- ⇒ Be an interface for customer identified security issues
- ⇒ Strengthen process to identify security gap at source
- ⇒ Support customer identified security threats to reproduce, validate and prioritize the fix
- ⇒ Responsible for platform security and hardening
- ⇒ Responsible for sign-off on Security Configuration Guides for customers
- ⇒ Worked towards audit and compliance requirement for STIG, FIPS and Common Criteria.

#### **Role: Associate Manager -- GSOC**

##### Responsibilities:

Part of the Global Security Office, supporting service to manage and monitoring security incident and response. Involve in incident management and monitoring.

- ⇒ Group – Security Testing group -- Office of Risk Management
  - Involved in identification/ evaluation of application risk through vulnerability assessment & penetration testing on applications to determine security posture prior to go live. Implement mitigation procedures based on anticipated threats.
  - Perform application audits to determine risk for the organization.
- ⇒ Group – Global Vulnerability Management Program
  - Provide leadership to the Global Vulnerability Management program to identify organizational risks.
  - Conduct periodic review of various assets carrying the IP across the globe.
  - Identify/ remediate deviation from defined information security policy.
  - Focus on minimizing organizing organization risks.



## ACCENTURE

Team Lead – Accenture Technology Consulting

May 2008 – Mar 2009

### Responsibilities:

- ⇒ Client – Leading Health Insurance Company
  - Ensured smooth functioning of Symantec Vontu tool on various DMZ networks of the client.
  - Customized Symantec Vontu tool to scan for required identifiers
  - Identified PHI & PPI information traced in the report to minimize false positive.
  - Groomed & mentored team members into the process.
- ⇒ Client – A global technology leader in information commerce
  - Functioned as Lead Security Advisor involved in management of security related issues.
  - Developed Secure SDLC Methodology for Application development.
  - Conducted external QSA audit for PCI-DSS compliance.
  - Designed training modules on OWASP top vulnerability.
  - Worked on readiness campaign for PCI – DSS controls 6.x.
- ⇒ Client – Leading Payment Card Industry
  - Involved in end to end management of project in compliance to project delivery schedules and other SLA parameters.
  - Conducted vulnerability assessment on the application & underlining infrastructure.
  - Performed Web Application Testing using IBM Rational AppScan, intrusive and non-intrusive techniques.

## SYMPHONY SERVICES

Sr. Product Engineer – Oracle Siebel CRM

Sep 2006 – May 2008

### Responsibilities:

- ⇒ Functioned as presales consultant role for the Security & Vulnerability Offering.
- ⇒ Focused on presales, development of practice collateral, education & support of the marketing team. Worked on Avaya and Citrix Solutions.
- ⇒ **Client – Oracle – Siebel CRM**
  - Conducted Web Application Security Testing (Black Box Testing) using automated tools and detailed manual testing looking for typical web application specific security holes like Cross-Site Scripting, SQL Injection, URL redirection as well as attempts to avert business logic of the application.
  - Focused on OWASP Top 10 vulnerability assessment and test framework development.
  - Customized report generated by WebInspect aligned to client requirements.
  - Coordinated with developers in understanding & fixing of vulnerabilities as part of the QA process.
  - Certified product with third part authentication solutions like SunOne, IBM, and Novell and ADSI ldap servers.
- ⇒ **Client – SymphonySMS**
  - Involved in Infrastructure Security Assessment based on OSSTMM methodology, Vulnerability Assessment and Penetration testing of infrastructure.



- Identified vulnerability mitigation techniques and OS hardening routines across platforms.
- Conducted training sessions for individuals on various aspects of security & mitigation techniques.

#### ⇒ **Client - Hyperion**

- Led a team of 3 consultants to perform Vulnerability Assessment on the Web Based application.
- Involved in detection & classification of vulnerability based on OWASP Top Ten methodology.
- Work on common vulnerabilities such as directory traversal, parameter manipulation, information disclosure, web server vulnerabilities, buffer overflows, format string bugs, race conditions, weak authentication & authorization schemes, session management, cookie manipulation and forceful browsing.
- Installed, configured & customized Fortify Secure Code Analyzer to assist in Secure Development Process.

### NETXPOSURE SOFTWARE TECHNOLOGIES

Sr. Systems Engineer

Mar 2006 – Sep 2006

#### Responsibilities:

- ⇒ Involved in design & management of projects related to new security requirements & enhancements to the internet infrastructure.
- ⇒ Planned & developed secured information systems & network infrastructure to strategically support internet infrastructure.
- ⇒ Designed/ conducted Security Hardening/Audits/ Penetration Testing on Systems/Applications.
- ⇒ Developed & maintained BCP and DR plan.
- ⇒ Built VPN circuit linking three corporate offices in Japan, India and US.
- ⇒ Liaised with vendors with regards to technology comparison and cost effectiveness.

### WORLD2WEB TECHNOLOGIES

Sr. Systems Engineer

Oct 2002 – Mar 2006

#### Responsibilities:

- ⇒ Conducted penetration testing & vulnerability assessment for in-house applications followed by preparation of detailed reports.
- ⇒ Performed architectural review, security policy, firewall rule base analysis, application testing and general benchmarking using manual and automated penetration testing.
- ⇒ Designed, implemented, administered & troubleshot NIDS, HIDS and Antivirus infrastructure.
- ⇒ Implemented & troubleshot Firewall based on Network & Security Design including implementation of NIDS using Snort; conducted regular vulnerability assessments on systems with fresh/ existing installations.
- ⇒ Setup centralized support tickets request using OTRS (Open Ticket Resource System) and network monitoring services using Nagios.
- ⇒ Spearheaded a team of 4 members.

### SSDC TECHNOLOGIES

Oct 2000 – Sep 2002



## Network Administrator

### Responsibilities:

- ⇒ Worked on network security including implementation for perimeter security.
- ⇒ Security hardening of network infrastructure and monitoring.

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### PROFESSIONAL DEVELOPMENT

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#### Certifications

- ⇒ Certified Information Security Manager (CISM) - ISACA
- ⇒ Certified in Risk and Information Systems Control (CRISC) - ISACA
- ⇒ Certificate Of Cloud Security Knowledge (CCSK) - CSA
- ⇒ Certified Ethical Hacking and Countermeasures - EC-Council
- ⇒ GIAC Web Application Security Professional -- GWAS certification
- ⇒ Microsoft Certified Professional Exam 070 -215 -- Windows 2000 Server
- ⇒ Cisco Certified Network Associate Exam 640 - 607 -- CCNA 3.0
- ⇒ Internet Security Systems - Certified Specialist -- ISS-CS certification
- ⇒ Check Point Certified Security Administrator Exam 156 -210.4 -CCSA

#### Trainings

- ⇒ SANS Virtualisation and Private Cloud Security
- ⇒ CISSP CBK Review Seminar from ISC2
- ⇒ Certified Secure Software Lifecycle Professional(CSSLP)
- ⇒ CISSP CBK Review Seminar
- ⇒ PMI certification program

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### IT FORTE

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- ⇒ Hardware: Cisco Routers 2500 series, Cisco Catalyst Switch , Sun Firefox Server's ( AMD 64 bit processor), Linksys Wi-Fi router WAP54g
- ⇒ Software: Checkpoint 5.4 NG AI, RedHat Linux kernel 2.2 & 2.4, Windows 2000, Windows NT, windows 2003, Mac Os ,Squid proxy, iptables, Apache web server, Tomcat Application server, Realsecure sensor's and ISS site protector.
- ⇒ Tools: WebInspect, Achillies, Appscan, MRTG, rdesktop, VNC, NAGIOS, Nmap, OTRS, Solarwinds, Nessus, Paros Proxy,, NSLookUp, Telnet, L0pht Crack and John the Ripper, Ethereal protocol Analyzer, Wepcrack,Cain ,Hping and Cenzic.
- ⇒ Protocols/Standards/Systems: TCP/IP, UDP, Apache server, SSL/TLS, LDAP, HTTP(S), DNS, RADIUS, EAP (TLS, TTLS, MD5), and STRIDE / DREAD threat models.

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### WHITE PAPER/ PATENTS/ ARTICLES PUBLISHED

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- ⇒ Cyber Crime: The Macroeconomic impact on Organization - Research Project
- ⇒ Security Framework for ERP Planning - Academic Project



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## PERSONAL DETAILS

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- ⇒ Date of Birth: 09<sup>th</sup> March 1978
- ⇒ Languages Known: English, Hindi, Kannada and French
- ⇒ Visa Status: US B1 Visa Holder
- ⇒ Reference Available on Request

