Gouthum Karadi, cissp/ceh, MBA

|  |  |
| --- | --- |
|  |  |
|  | 530-340-3216 | gouthum@virtualnex.us |

Summary

|  |  |
| --- | --- |
|  |  |
|  | Over 20 years architecting Internet security consulting and innovative solutions for worldwide global corporations. From the first cloud at Microsoft to the modern mobile workforce. Design and develop innovative solutions allowing customers and clients to connect to any data anywhere securely. Currently targeting Cloud Virtualization, security, monitoring, maintenance and proactive management of the mobile cloud and workforce. Deliver thought leadership and subject matter expertise in developing capabilities. |

Skills

|  |  |
| --- | --- |
|  |  |
|  | Professional   * Enterprise consulting to organizations from 300-300,000 users * Proven ability to lead cross-functional teams across multiple organizations * Strong knowledge of security technologies including: authentication, cryptography, secure protocols * Understand state-of-the-art security principles, theories, attacks and threat modeling methodologies: assets, security vulnerabilities and attack profile, threat mitigations * Working knowledge of hardware or software architecture and design * Solid analysis skills with strong attention to detail * Ability to see downstream and understand peripheral implications * Strong communication and excellent presentation skills * Ability to work effectively with clients, technical support staff, engineers and executives * Strong influence skills, collaborative, win-win style |
|  | Technical   * Windows and UNIX Integration (2003, 2008, 2012 Linux, OS X) * AD, Security, Integration, Architecture, and Optimization, Group Policy Architecture * Build Enterprise Vulnerability Management Program from scratch * Secure build process for Chef, Openstack, Active Directory and Centrify * Mail: Exchange (5.5-2010), Routing, Filtering, Archiving, Disaster Recovery, Upgrade * IDS, IPS, Firewalls, Filtering, Scanning, Sniffing, Netstumbler, Airsnort/Netsnort * MBSA, MOF, ITIL, WSUS, SCOM 2007, SMS, NetIQ, SCCM, nCircle, Nessus * Mobile Device Management (MDM) BES, Good, AirWatch, MaaS 360, Zenprise, Apple * TCP/IP, FTP, HTTP(S), IPSEC, TLS, SMTP, LDAP, POP, IMAP, RDP, DNS, DHCP, WINS * Remote Access Solutions (RAS): Terminal Server, VDI, Citrix, VPN * N-tier, HA Architecture, Clustering, Citrix Load Balancing and Repair, F5-BigIP/3DNS * Database DCL/ETL, Maintenance, Upgrade, Design and Optimize: SQL, MSSQL, HEAT, ITSM * Virtualization: Hyper-V, VMware, QEMU/KVM, VDI * Quest Tools, Centrify, Directory Integration, LDAP * Servers and Storage, SAN, NAS, iSCSI, LUN Masking, Dell, HP, Compaq   WMI Scripting, VBscript, Java, Python, Javascript, Xcode, Objective-C |

Experience

|  |  |
| --- | --- |
| 2013 |  |
| 2013-2014  2012-2013 | Technical Expert, *Walmart Labs*  Security Engineer Walmart Global eCommerce (GeC)  Design, Develop and Deploy Enterprise Vulnerability Management for the world’s fourth largest website. Scanning, rating, ranking and metrics, risk and compliance for production, PCI, and Campus. Build, design and deploy cross-environment hybrid directory from SUN LDAP to Microsoft Active Directory. Lead distributed cross-functional teams between numerous locations and cultures. Forge ad hoc organic processes into scalable enterprise architectures and support models.   * Active Directory, Exchange, SCCM, MSSQL, SharePoint, Zenprise, Airwatch, MaaS 360, and Good Technologies * NextGen Firewalls (WAF), Akamai, Palo Alto Networks * nCircle, Foundstone/McAfee, Qualys * MSSQL databases, Cloud Architecture * Security Architecture and Posture, Mobile Gateways, VPN * Platform/Infrastructure As A Service (PAAS/IAAS) Security * Patch Management, Remediation, Vulnerability Assessment * PCI-DSS compliant design and process with architecture   Mobility & Security Architect,  Virtual Nexus  Develop mobility solutions for Health Care, DOE and Secure Environments. Design integrated solutions for Virtualization, Document Sharing and Security with Remote Device Management using Apple iOS, Android, Windows Mobile/Phone, iPad, Tablet, and Smartphone.   * Active Directory, Exchange, SCCM, MSSQL, SharePoint, Zenprise, Airwatch, MaaS 360, and Good Technologies * Configuration and Deployment for Thousands of devices: Remote Wiping, Reporting, VMware and Citrix * Security Architecture and Posture, Mobile Gateways, VPN * Macintosh OS X, Linux and Windows deployment and integration * iTunes/AppStore Integration including in-house catalogs, App Push, Apple Profile Manager and Configurator * Architect solutions and technically lead security projects at an enterprise level * Continually review and enhance existing knowledge of the security aspects of common product sets and emergent technologies * Provide mentoring and guidance to team members to help grow skills and capabilities * Work on multiple client accounts with the ability to develop and present secure solutions to leadership |
| 2009-2011 | Infrastructure & Security Architect,  Ensynch, Dell, Multiple Clients  Network and Infrastructure Discovery for 15,000-300,000 nodes in over 100 countries. System Configuration Management and Operating System Deployment (OSD) for multiple platforms. Exchange, SharePoint, and NDS 4.x.   * SCCM 2007, OSD, Imaging, Driver and Application Packaging * Lead meetings and conferences supporting cross functional solutions * Macintosh Open Directory Integration with Active Directory and SCCM, Quest Tools * Over 100 countries, 42 models, 22,000+ applications, Citrix, App-V, MDOP * Provide security expertise and leadership across the organization; strategic decision making, and multi-year project planning and design, and provide education on technology security architecture directions and goals * Create architectural deliverables – roadmaps, diagrams and presentations – to create a security architecture framework for technology, aligned with Enterprise Architecture frameworks * Prepare cost estimates to design and construct secure enterprise technology * Lead contribution to the definition of conceptual and logical technology security architecture specifications for IS, aligned with business goals, IS strategy and architecture visions * Lead effort to review and provide input on proposals from an technology security architectural perspective, including feasibility, practicality, technical viability, and consistency * Assess and recommend technology solutions to meet business needs * Needs analysis and requirements definition * Windows and Linux/Unix server configuration and management * Firewalls, VPNs, IDSs, Log Management * Advanced networking VPN solution implementation |
| 2008-2009 | Field Area Expert (FAE),  NCI  Design, develop and deploy infrastructure/security solutions for entire Army NETCOM with over 330,000 users and multiple sites. Team Lead for 10-12 people. Provide documentation, security policy configuration and compliance: DITSCAP/DIACAP/STIG   * Information Assurance Security Officer (IASO) Certified MGMT LVL 1 * Migrate from SMS 2003 and MOM to SCCM and SCOM * Active Directory and Exchange (2010, 2007, 2003) interoperability, migration, multiple forests * Troubleshoot domain connectivity, DNS, DHCP, WINS and other Networking Technologies * Desktop imaging and software compliance with Windows XP and Vista |
| 2005-2013 | Managing Consultant (2005-2008) & University of New Mexico Part-Time Faculty (CURRENT),  Multiple Firms  Optimize, update and consolidate infrastructure for small, medium, and enterprise firms. Disaster Recovery and BCP. MSSQL 2K5 SAN VMware virtualization. Firewall, Security, Auditing. Teach and train professional and private students.   * Reduce 100 databases to 30 saving $144,000 in annual support costs and hardware * Save $24,000 in two weeks in server consolidation, Windows Network Infrastructure * Exchange 2007 virtualization, Hyper-V and Windows 2008, Clustering, DR,  BCP, Blackberry * Design and Deploy entire helpdesk migration for 8,000 users to SQL 2005  and VMware ESX * Design and develop curriculum for iOS and technology solutions for adult learners * Develop training material on wireless and mobility topic area objectives and deliver instruction via interactive learning activities |
| 2003-2005 | Hardware Test Engineer and Security Consultant  Microsoft (Covestic)  Test and configure Secure build for W2K3 with SQL2K SP3 with SANs. Determine maximum load and recommend optimum configuration for all new SKU’s and prototype hardware. Design new standards for MSN customers.   * Migrate and consolidate hundreds of SQL Servers over ten years (6.5, 7.0, 2000, 2005) * Design, benchmark and spec SQL Sku’s for MSN clients * Report on performance distribution versus cost and applicability |
|  | Audit and Patch Management, and Operating System Hardening Solutions. Assess current processes; recommend augmentation, adaptation, and streamlining where necessary. Scan and compile standards for GAP analysis and policy creation. Server hardening and implementation of Defense in Depth security principles and design.   * Design and implement security and disaster recovery for mail, web, and database * Create and lead workshops with cross-functional teams from numerous business units * Save potential $60 million in shutdown costs from Code Red and Slammer malware infection * 50,000+ Users, 30,000+ Desktops, 3,000+ Servers |
| 2001-2003  1999-2001 | Lead Architect/President/Enterprise Consultant,  Hightechtrek  Design, Document, Troubleshoot and Implement: Internet, Intranet, Web  and Mail solutions.   * Write online training curriculum and Teach over 4,400 Hours including Microsoft Security & Encryption * Save $3,077,350 in support costs annually for mail and security * Rapid project turn around for IBM and Microsoft —18 month estimate completed in under 6 * Product Lifecycle MGMT * Implement budgets of over $1 million dollars * Design, Pilot, Implement and Deploy Managed Desktop of W2K Pro for 8,000 Clients * Consolidate over 1,000 mail servers to a 20+ server SAN architecture * Enterprise level upgrades of all infrastructure servers worldwide including policies and procedures   Software Test Engineer and Extranet (Cloud) Manager,  Microsoft (VOLT/Exodus)  Manage Testing of top 100 enterprise applications with Windows 2000/Active Directory. Thousands of test cases, databases, and scenarios. Technical lead  for global localization of all Microsoft software in the first cloud (called an extranet).   * Security firewall and load balancing from F5 BigIP and 3DNS for five global sites * Over 100 servers including Citrix, 1+ Million of Virtual Directories * 100’s of databases in SQL 6.5/7.0 migrated * Created policies for brand new infrastructure while training 31 SME’s * Saved thousands of person hours through automation * Lead team of 31 engineers in 24x7 365 Operations |

Education/Certifications

|  |  |
| --- | --- |
|  |  |
| 2007 | Master of Business Administration,  Capella University |
| 1997 | Bachelor of Social Sciences,  Washington State University |
| 1996-2004 | U.S. Army, ACM, AAM(2), GCM |
|  | Apple, Microsoft, Cisco, ISC2, and EC3 Certified:  CISSP, CEH, MCSE, MCT, MCDBA, CCNA, and ACTC, CCSK 2014 |