Dr. Vinod Varma Vegesna

Cyber Security, Technology Risk, Resilience and Project Management Expert

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OVERALL SUMMARY

Dr. Vinod Varma Vegesna is a notable researcher and an influencer with proven success in spearheading Strategic Information Security Initiatives and Large-scale IT Application & Infrastructure projects across industry verticals. He has helped bring about a profound shift in cybersecurity defense. Throughout his career, he has parlayed his extensive background in information security & technology risk and a deep knowledge to help organizations build and implement strategic cybersecurity solutions and maturity in cybersecurity posture.

A security professional, a cybersecurity researcher and technical leader helping clients understand cyber security challenges, Vinod has spent more than 20 years in cybersecurity operations, risk management and influencing policy level decisions in multiple client organizations. Some of these organizations included some of the largest across Healthcare, Medical Devices, Banking, Finance, Insurance, Automobile, Travel, Membership, Manufacturing, Pharmacy & Telecom companies globally.

Dr. Vinod Vegesna is among one of the top most cybersecurity experts in the USA holding top certifications of the industry along with the applied knowledge experience. He is Ph.D. Cyber Security, CISA®, CRISC®, PMP®, PPM, CPD and hold various other impressive industry credentials.

He has performed various IT Security & Governance initiatives viz. Cyber Security Assessments, Cloud Security Audits, Secure SDLC Audits, Penetration tests, Tabletop exercises, Data Warehouse (i.e. Enterprise Data Lake & Grid) Audits, and Pre-Mergers & Acquisitions assessment projects across industry verticals. Vinod has gained his expert reputation by staying at the leading edge of security research and mentoring security teams, developers and audit experts across various industries.

Veteran in building and managing large data centres, country-wide network infrastructure and complex Software products over a large user base with comprehensive knowledge.

Superior record of delivering over 200 Projects, 20 Programs and managed 7 PMO's for clients across diverse industry verticals – Banking & Financial Services, Insurance, Healthcare & Telecom domains.

Vinod has strived to change the way organizations approach security, placing an emphasis on making informed decisions regarding products and services to best protect the organization, employees, and customers. He has spent much of his career meeting with CISOs and CIOs to advise and educate them on threats, required policies, processes, and expertise.

Vinod has given 10 researches to information & cyber security world. His published researches and conference papers has led to many thought provoking examples for augmenting better security. His researches have educated the industry and the general public on the evolving threats to our interconnected world.

Vinod leverages his skills and pervasive industry experience to help customers understand risks in their systems and develops programs to mitigate those risks. He has automated various cyber security, privacy and data security audit programs which has in-turn saved a lot of time for our clients as well as improved the practice. He has been a trusted

advisor to the legal team to ensure that the right security clauses are built into supplier and customer contracts. He has also enabled engineering development teams of our clients with secure code practices and have performed reviews and quality assurance tests for functional and security verification.

PROFESSIONAL EXPERIENCE

The Auto Club Group (AAA), Tampa, USA   **July, 18 – Till date**
Enterprise Information Security (IT Risk Management)
Current Role – Sr.IT Security Risk Analyst
- o Have been working as in multiple security processes including architecting risk-based security solutions, risk assessment, vulnerability assessment, vulnerability mitigation process design/improvement, security & compliance Auditing, SIEM Integration.
- o Extensively involved in designing security program posture in accordance to the confidential Cyber Security Risk Management framework, reviewed control assessments, provided analysis and assistance to the software development teams.
- o Conduct external supplier assessments. Track and maintain the IT internal audit issues and gather updates on a quarterly basis.
- o Perform daily administration in Archer when necessary
- o Conducts site visits to suppliers when necessary.
- o Develop and implement a comprehensive information security risk management program, which will include defining key risk indicators, risk registers, processes and standards;
- o Work with various departments to identify, measure, and report on risk based on information assets;
- o Design and support the IT GRCM solution.
- o Continuously identifying, assessing, measuring, and monitoring information technology risk by performing hands-on risk assessments;
- o Identifying and communicating recommended security and control deficiencies for business units;
- o Documenting and monitoring the implementation of controls for applications, technologies and assets;
- o Reviewing vendor contracts for compliance with Information Security requirements and recommending appropriate language as necessary;
- o Reviewing and maintaining assessment criteria of applications and systems for measuring compliance of company policies, procedures, standards, security training programs, technical infrastructure, applications and development efforts against defined compliance baselines;
- o Providing guidance in managing risk on windows servers and desktops, active directory (group policy), network communications, company data stores, perimeter networks, virtual private networks, and e-mail communications;
- o Working closely with Enterprise Risk, Procurement, Internal Audit and Compliance to identify compliance baselines from legislative requirements and corporate objectives;
- o   Maintaining an up-to-date understanding of emerging trends in information security risks;
- o   Applying new techniques and trends, in-line with overall information security objectives and risk tolerance;
- o Reviewing and maintaining all IT risk management policies, practices and procedures;
- o Managing entire company's IT Regulatory compliance;
- o Designing, implementing and maintaining an IT GRC or similar tool to conduct risk management activities;
- o Working with technology and business teams to facilitate risk assessments, risk evaluation and reporting;
- o Working with technology and business teams to develop and document risk mitigation action plans, along with recommendations to reduce information security risk within their areas;
- o Working with information security leadership to developing strategies and plans to enforce security requirements and address identified risks. Providing mentorship to other members of the IT risk security team;
- o Developing, maintaining and updating key risk indictors and risk registers for IT;

- o Developing, documenting, maintaining and supporting the information security risk management program in line with information security policy, practices and leading industry standards;
- o Utilizing knowledge of information security risks, pertinent to business goals and technology infrastructure and designing an enterprise information security risk program to identify, assess and respond to risks; and
- o Preparing and presenting risk assessment reports to system owners, business units and management
- o Conduct Application and Infrastructure risk assessments.
- o Administer BitSight application and engage suppliers for improvement of their security heath.

United Software Group, Dublin, USA   **August, 17 – July, 18**
IT GRC, Risk & Project Management Consultant
Role – Sr.IT Project Manager
- o At Client – The Auto Club Group (AAA) (December 2017 to July 2018) –
    - o Successfully managed Enterprise Information Security (EIS) projects portfolio. Delivered 8 projects in the span of one year.
    - o Implement, support and audit relevant Information Security Management, Risk management and Compliance management.
    - o Comply with Customer's standards and policies, including security and data protection requirements.
    - o Perform security compliance and Configuration compliance activities using Customer-approved tools.
    - o Provide management reports regarding compliance, as requested by Customer.
    - o Review standard operating procedures (SOPs) and security controls for compliance with applicable Service Provider Laws.
    - o Maintain and update documentation in accordance with Customer requirements, including Customer SOPs and security controls.
    - o Comply with Customer SOPs and security controls.
    - o Perform quarterly audits to assess compliance with Change Management.
    - o Facilitated focus on high-priority projects with new governance standards/prioritization; developed SOPs around project portfolio to manage request process.
    - o As Governance lead, served as point of contact and subject matter expert for Project Managers to ensure Projects are managed according to Company policy, HIPAA, COSO, SSAE16, PCI DESS and SOX regulations.

- o At Client – NiSource (August 2017 to November 2017) –
    - o Implement, support and audit relevant Information Security Management, Risk management and Compliance management.
    - o Participate in identifying anomalies or issues that may indicate an attack, threat or weakness and participate in Computer Security Incident Response Team (CSIRT) efforts to remediate.
    - o Proactively identify and report on key risks, execute risk-based refresh program and remediate risks.
    - o Comply with Customer's standards and policies, including security and data protection requirements.
    - o Experience in Supporting and providing assistance with respect to, and participate in, SOX and regulatory reviews and assessments, including by participating in testing, certification activities and inquiries
    - o Performed SOX and SSAE 16 (or successor) audits and reporting for the Service Provider Sites and the Services as set forth in the Master Services Agreement.
    - o Identify any control or compliance deficiencies and inform Customer of proposed remediation required to enable compliance with SOX and Customer's control and compliance requirements and remediate non-compliance as approved by Customer

- Performed security compliance and Configuration compliance activities using Customer-approved tools procured and provided by Service Provider.
- Participate in, support, and respond to Customer audit requirements and requests from both internal and external sources. In the event of an audit of Service Provider and/or the Services, work with Customer to minimize impacts to the Customer Entities' lines of business and user communities.
- Provided management reports regarding compliance, as requested by Customer.
- Reviewed standard operating procedures (SOPs) and security controls for compliance with applicable Service Provider Laws.
- Maintain and update documentation in accordance with Customer requirements, including Customer SOPs and security controls.
- Comply with Customer SOPs and security controls.
- Performed quarterly audits to assess compliance with Change Management.

Varsun eTechnologies LLC, Anaheim Hills, USA
Role – *Sr. IT Project Manager*   **April, 15 – August'17**
- At Client – AQMD (April 2017 – August 2017)
- At Client – CVS Health (May 2016 – April 2017)
- At Client – AQMD (Oct 2015 – April 2016)
- At Client – Johnson & Johnson (April 2015 – September 2015)
    - Continued management IT Project Portfolio consisting of 100+ Projects and responsible for managing key performance indicators and service level agreements for Sr. IT Leadership including proactively reported scorecard highlighting Portfolio health. Achieved an average of 94% across all service levels.
    - Facilitated focus on high-priority projects with new governance standards/prioritization; developed SOPs around project portfolio to manage request process.
    - As Governance lead, served as point of contact and subject matter expert for Project Managers to ensure Projects are managed according to Company policy, HIPAA, COSO, SSAE16, PCI DESS and SOX regulations .
    - Led complex technology upgrades and operations improvements credited with stronger client retention and service, adding multisystem dashboard/information-sharing capabilities; migrated enterprise applications to Salesforce and Service-now. Improved client service/relationships with VoIP upgrade, providing ticket tracking and account manager auto-notifications.
    - Implemented Managed Services, rebuilding team and authoring agreement/SLAs; led infrastructure mapping and co- location for hardware assets, with creation of support and Help Desk team.
    - Established and documented the Project Management Office (PMO) operations procedures consisting of over 30 separate business processes used to govern IT Projects.
    - Brought production uptime to 99.99% with consolidation of Tier I data centers into Tier III data center.

ExpertsWing, Hyderabad, India
Role – *IT Auditor, IT Process Architect and IT Portfolio Manager*   **June, 2012 – March, 2015**
- At Client – Multiple Clients (November 2014 – March 2015)
- At Client – Bank of Tokyo & Mitsubishi UFJ (May 2014 – November 2014)
- At Client – Varsun eTechnologies Pvt Ltd (November 2013 – April 2014)
- At Client – Lasys Technologies Pvt Ltd (October 2012 – September 2013)
- At Client – Multiple Clients (June2012– October 2012)
    - Built Project Management Office (PMO) and IT Service Management Office (SMO) to effectively manage IT projects and services.

- o Developed and administered Enterprise process improvement program, issuing recommendations to executive team on cost- effective options and protection for corporate data and IT assets.
- o Maintained 99.99% uptime through capacity planning and virtualization, with support to global, 7x24x365 environment
- o Improved operational compliance 35% by establishing security & process metrics instrumental in measuring vendor performance, effectively assuring customers of protection levels.
- o Brought in top-notch IT managers aligned with collaborative leadership style — enhancing ITIL, Help Desk, telecom, and architecture team competencies, with better change control and resource management practices.
- o Created customer and partner handling efficiencies with portal design/redesign — reducing call hold times, expediting access to managers and support, localizing language, and enabling Web tracking (11% savings in support costs).
- o Managed $5M Service Bureau project to deliver financial applications as SaaS; built separate IT infrastructure at co- location data center, led disaster recovery planning, and budgeted for professional data center migration support.
- o As practicing ISO Auditor certified more than 50+ organizations in ISO 9001, ISO 27001 and ISO 20000 certifications.

Royal bank of Scotland
Role – *IT Portfolio Manager*   **March, 2010 – June, 2012**
- o Led complex technology upgrades and operations improvements, adding multisystem dashboard/information-sharing capabilities; migrated enterprise applications.
- o Setup IT Project Portfolio Office in RBS Technology Services to specially address the issues with spending on the development of innovative capabilities in terms of potential ROI, reducing investment overlaps in situations where reorganization or acquisition occurs, or complying with legal or regulatory mandates.
- o Managed change in IT program/project direction, scope, benefits, cost and timing while minimizing financial risk and business impacts. Worked with senior management to develop high-level delivery & cost strategies for all projects within portfolio by performing high-level forecasting techniques

General Electric (GE Capital)
Role – *Manager-IT Program Management Office*   **June, 2007 – March, 2010**
- o Successfully built and managed Project Management Centre of Excellence (PMCOE).
- o Built and delivered $10M Guatemala COE in record time. Completed 10 IT Facility setups across the world in GE Capital.
- o Functioned as Thought Leader around project management processes and handled the quality planning and activities (e.g., continuous process improvement projects), as required.
- o Played significant role in attaining ISO27001 certification to become the first ISMS certified facility in GE Capital.
- o Played active role in business restructuring. Achieved productivity of 10% YOY with 0% attrition.
- o Managed $5M Service project to built separate IT infrastructure at co- location data center, led disaster recovery planning, and budgeted for professional data center migration support.

IBM
Role – *IT Project Manager & Security Tower Leader*   **September, 2005 – June, 2007**
- o Continually cut IT spend, with $200K+ annual savings from enterprise-level Microsoft licensing agreement negotiations and $1.2M+ reduction in wireless device costs after hiring telecom leader and tracking data use, carriers, and fees.
- o Oversaw critical project paths and timelines for successful delivery while maintaining quality of deliverables.

- Took instrumental role in moving core Backoffice applications to cloud/SaaS model, with migration from Oracle; integrated cloud infrastructure with key applications using EAI methodologies to ease historic record access.
- Brought production uptime to 99.99% with consolidation of Tier I data centers into Tier III data center.
- Led complex technology upgrades and operations improvements credited with stronger client retention and service, adding multisystem dashboard/information-sharing capabilities; migrated enterprise applications to Salesforce from Siebel.

Momentum
Role – *IT Operations (Global)*   **April, 2004 – September, 2005**
- Managed international projects / programs and project managers, including team members stationed across locations. Project budgets ranged between $4M to $10M.
- Oversaw critical project paths and timelines for successful delivery while maintaining quality of deliverables.

BNA Technology Consulting Ltd
Role – *Manager – Projects & IT*   **April, 2002 – April, 2004**
- Managed international projects / programs and project managers, including team members stationed in across locations. Project budgets ranged between $.5M to $5M.
- Conduct multiple and simultaneous projects to implement technology projects, managing 26+ members (staff and vendors) located at different countries for important international and domestic clients.

Vinayak Impressions
Role – *IT Manager*   **March 2001 – March, 2002**
- Built Centre of Excellence (COE) within a short span of 4 months.
- Successfully built couple of IT facilities in Chennai in record time.

EDUCATION

- Masters of Sciences (M.S.) in IT – Kuvempu University
- Master of Technology (M. Tech.) in IT – Karnataka State Open University
- Executive Master of Business Administration (eMBA) in Project Management – Kuvempu University
- Master of Business Administration (MBA) in Finance – Kuvempu University
- Master of Human Resource Management (MHRM) in HCM – Kuvempu University
- Doctor of Philosophy (Ph.D.) in Cyber Security – Charisma University
- Doctor of Philosophy (Ph.D.) in Strategy – Charisma University

CERTIFICATIONS AND TRAININGS (Selected List)

- Certified Information Systems Auditor (CISA)
- Certified in Risk and Information Systems Control (CRISC)
- Project Professional Management (PMP)
- Certified Project Director (CPD)
- Certified Cloud Consultant (CCCC)
- Certified Scrum Master (CSM)
- Certified Information Security Professional (CISP)
- Microsoft Certified Professional (MCP)

- o Six Sigma – Black-Belt Certified
- o ISO/IEC 27001:2013 Lead Auditor (ISMS)
- o ISO 9001:2015 Lead Auditor (QMS)
- o Certified Critical Thinking & Research Analyst (CCTRA)
- o Certified Risk & Crisis Manager (CRCM)
- o Certified Risk Manager (CRM)
- o Certified Information Systems Security Manager (CISSM)
- o Certified Forensic Analyst (CPA)
- o Professional Project manager (PPM)
- o Certified Data Center Expert (CDCE)
- o Cisco Certified Network Professional (CCNP)
- o Microsoft Certified Systems Engineer (MCSE)
- o ITIL Certified

Technical & Functional Expertise

- o **GRC Tools –** RSA Archer, ServiceNow GRC, IBM OpenPages, Riskonnect, SAP GRC, LogicManager, Resolver, MetricStream, Bwise and OneTrust.
- o **Third Party Risk Management –** BitSight, BlackKite, Upguard, RiskRecon and Security Scorecard
- o **Project Management Tools –** Primavera Team Play, MS Project, Clarity PPM, JIRA, Confluence, Mercury / HP PPM Tool and Rational Plan, Meridian, Microsoft Share Point, Manage Work, Microsoft Dynamics AX Project, SAP Projects, MS Project Server
- o **Cloud Platforms –** Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Salesforce and Adobe Creative Cloud
- o **Networks & Security –** Cisco, Juniper, Nortel, 3COM, Avaya, Polycom, RSA, Checkpoint, McAfee, Norton, BurpSuite, MetaSploit, NmAp, Nessus and OpenVAS.
- o **Unified Threat Management Tools -** Check Point, Fortinet, SonicWall, Sophos and Barracuda.
- o **OS Platforms -** Windows, Linux, Redhat (RHEL), Ubuntu, Mac OS, VM, Android and iOS
- o **Enterprise Management Systems –** Remedy, Service Now, BMC Patrol, IBM Tivoli, HP Open View, Cisco Works, CA Unicenter, HP ESM, Epicor ITSM, EMC, Servicewise, Infor EAM, Frontrange, Cisco UCS, CA IT Service Management, Kronos, Curam, EPIC and Maximo.
- o **IT Service Management –** Data Centre Management, Green IT, BCP, Change & Incident Management.
- o **Process/System Management –** SEI CMM, NIST, FFIEC, COBIT, ITIL, COSO, PMBOK, ISO 9001, ISO 20000, ISO 27001, Agile, Scrum, PCIDSS, SoX, COSO and SSAE 18.
- o **Quality/SDLC Management –** Six Sigma, Lean, TQM, BPM, GMP, QMS, Agile, Scrum, SAFe, NISY, BSBA, HIPAA, and HiTRUST.
- o **Delivery Governance –** Business IT Alignment, IT Strategy, ValIT, COBIT, Focused Execution, Continuous Improvement, Data Mining and Trend Analysis, Agile Project Governance, Value Governance, Performance Management, Risk Management, Engagement Management & Resource management.