

Ravindra Kumar M A

Cybersecurity Expert and Security Leadership

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Profile Summary

- **CCIE, ISC2 CISSP, CSA CCSKv4/5, artificial intelligence (AI) security & governance, AWS, & Microsoft cloud** certified seasoned **IT/OT security (information security, cybersecurity, cloud security, SCADA/ICS)** professional with **16 plus** years of experience in strategic guidance, aligning cybersecurity initiatives with organizational objectives and optimizing cybersecurity across the global (Gulf Countries, North & South America, Europe/UK & APAC) for Fortune companies.
- A visionary and strategic cybersecurity leadership translated evolving industry risks into ambitious technology roadmaps and robust security programs. Excels at synergizing the people, processes, and technology around proactive defense. Continually sharpen the company's cybersecurity maturity, aligning solutions with cybersecurity frameworks.
- Assisted customers to secure the IT landscape/ecosystem built **on-premises, hybrid cloud** and **multi-cloud** for industries such as communications, media & entertainment, manufacturing, banking, financial services (FinTech), and insurance (BFSI), healthcare, and life sciences (Pharmaceutical), retail and consumer goods, energy and utilities, hi-tech, travel, transportation, hospitality and logistics, public sector and government, professional services, oil and gas, private equity and aviation.
- As **security expert** applied and adopted the cybersecurity best practices baked in while crafting/developing/executing to ensure **availability, reliability, security, scalability, performance**, and **resilient architectures** to address customers'/clients' business challenges and accelerate technology adoption to improve the products/services.

Work Experience

Cybersecurity Expert/ Enterprise Security Architect /vCISO | Freelancer | **Sep'2024 - Present** | Dubai, UAE

- Providing thought leadership on strategy, architecture, design, and tooling required to build and run a secure enterprise estate on cloud and on-prem.
- Creating an appropriate security environment by ensuring compliance with standards, policies and procedures.
- Advising and leading the security posture translation for network, infrastructure, platform, and applications defining the required work packages for compliance as agreed with business stakeholders and the CXO team.

Principal Security Architect/ Enterprise Security | Tech Mahindra Ltd. | **Apr'2021 - Jun'2024** | Bengaluru, India

- Managed security services for global organizations, improving overall cyber resilience and proactive threat detection, leading to increased trust and confidence in security measures.
- Enhanced cyber resilience and proactive protection and reactive by providing consulting, advisory, and managed security services to 150 global organizations, resulting in a 50 to 60% decrease in security incidents and mitigating potential financial and reputational risks.
- Led the presales and security solutions engagement process for 150 bids within 3 years worldwide, resulting in an increase of 15% in successful bids and boosting company revenue.
- Enhanced security environment by achieving 100% compliance with industry standards, resulting in a reduction of security incidents and improved customer trust.

- Developed and executed a comprehensive cloud security strategy, resulting in a 50% increase in security awareness and adherence to best practices, mitigating security risks and threats.
- Provided expert insight on the tooling and controls required to build and run a secure global landscape, leading to a 45% improvement in security operations efficiency and ensuring business continuity.
- Streamlined the security posture translation process for network, infrastructure, platform, and applications, resulting in 39% faster compliance readiness. Strengthened collaboration with business stakeholders and the CXO team, led to improved decision-making and proactive threat mitigation.

Previous Work Experience

Security Architect | Freelancer | **August 2020 - Apr'2021** | Bengaluru, India

Head of Network and Security | Nutanix Technologies | **Sep'2018 - Jul'2020** | Bengaluru, India

Lead Systems Engineer - PCD IT Network Security | Shell India | **May'2018 - Sep'2018** | Bengaluru, India

Network Security Consultant | Aricent Technologies (Capgemini) | **Feb'2016 - Mar'2018** | Bengaluru, India

Security Consultant | Freelancer | **Nov'2014 - Feb'2016** | Bengaluru, India

Senior Network Engineer | Tesco HSC | **Aug' 2012 - Oct'2014** | Bengaluru, India

Systems Analyst - Service Delivery | UST Global | **Aug'2011 - May'2012** | Bengaluru, India

Area Manager - Network | Tikona Digital Networks | **Oct'2009 - Aug'2011** | Bengaluru, India

Skills

Generative Artificial Intelligence (GenAI) | AI Security & Governance | AI Security, Privacy & Safety | Security for AI | AI in Security | Strategic Leadership | AI Guardrails | Global AI Laws | AI Prompting & Response | AI LLM Firewall | AI Governance Frameworks | AI Regulatory Compliance | AI Risk Assessment | AI Models | Large Language Models (LLMs) | RAG | Prompt Engineering | AI Security Controls | AI Security Governance | OWASP Top 10 | Project Management & ITSM | Governance, Risk, and Compliance (GRC) | Cyber Resiliency | Enterprise Security Policies, Standards, Guidelines & Procedures | Security Awareness & Training | Security Incident Response & Management | Security Architecture | Legal & Regulatory Compliance | Security Audits & Assessments | Budgeting & Resource Allocation | Security Technologies Evaluation | Collaboration and Communication | Assurance Program Oversight | Continuous Monitoring and Improvement | BCP & DRP | Risk Assessment/Gap Analysis & Mitigation | Security Strategy, Maturity & Leadership | Technology Risk Management & Treatment | Innovation | Transformation | Transition | Migration | Internal & External Audit and Compliance Oversight | Security Tools & Technology | Client Relations and Stakeholder Engagement | KPI & KRI | Cloud Security (AWS/Azure/GCP) | Cloud Services (IaaS/PaaS/SaaS) & Deployment Models (Public/Private/Hybrid/Community) | CSA's CCM & CAIQ | Data Security, Data Protection & Data Privacy | API Security & Governance | Email Security | Endpoint Security | Infrastructure & Network Security | Identity & Access Management (IDAM/CIAM/OAuth/OpenID/Federated Identity/IdP) | Confidentiality, Integrity, and Availability (CIA) | IDS & IPS | Information Security Management | ISMS | PCD/SCADA/ICS/OT/IoT | VPN & RAS (IPsec & SSL) | Web Security | MITRE ATT&CK Framework | NIST CSF & RMF | Ransomware Protection | Server & Endpoint Protection | Data Loss Prevention (DLP) /Data Extraction/Exfiltration/Breach | Next-Gen Firewall | SSO/MFA | DAM | Mobile Security | Regulations and Compliance Management | Cyber Risk Quantification | TPRM | FIM | Cybersecurity Maturity Model | DNS Security | MDM/MAM | Active Directory Protections and Deceptions | Zero Trust Architecture/Framework | ZTNA | Logging, Monitoring, and Visibility | Controls and Countermeasures | Advanced Threat Protection (ATP) | Authentication, Authorisation & Accounting (AAA) | BYOC | BYOD | BYOL | CIP | Indicators of Compromise (IOC) | PII/PHI | TLS/ SSL | SOC | SDP | SIEM | SOAR | Automation & Scripting | CASB | CSPM | CWPP | CNAAP | DSPM | KSPM | CIEM | IGA | JIT | SASE/SSE | Classification | Application Security | DevOps | DevSecOps | Data Lake | M365 Security | PIM/PAM | EDR | NDR | TDR | XDR/MDR | PKI/KMS | Cryptography/Cipher | Vulnerability Management (Assessment, Advisory & Remediation) | Anti-DDoS | UTM | Threat Intelligence, Hunting & Isolation | Advanced Persistent Threat (APT) | Cloud SWG (Proxy) | WAF | Load Balancer (NLB/ALB) | NAC | SDN | Micro-segmentation | Microservices | Security Engineering | Virtualization/Docker/Container/Kubernetes Security | AWS & Microsoft Reference Architecture | AWS SRA & Well-Architected | Standards and Regulations (HIPAA/HITRUST, FISMA, SOX, PCI-DSS, GDPR, CIS, ISO 27001, ISO 27017, IEC 62443, NERC CIP, SOC 1 & SOC 2, NIST 800-53, DORA, NIST AI RMF, EU AI Act, ISO/IEC 42001, ISO/IEC 23894 and COBIT).

Certifications and Training

AI Security & Governance Certified | ISC2 - Certified Information Systems Security Professional (**CISSP**) and Certified in Cybersecurity (**CC**) | Cloud Security Alliance - Certificate of Cloud Security Knowledge (**CCSKv4 & v5**) | **AWS Certified Cloud Practitioner** (CLF-C02) | **OneTrust** - Data Discovery & Governance IT Infrastructure, Data Discovery & Governance Foundations, Consent & Preferences Management Professional | **Horizon3** - NodeZero Certified Operator and Seller | **APISEC University** - API Security Fundamentals, API Security for Connected Cars and Fleets, API Gateway Security Best Practices, API Authentication | **Tenable Cloud Security** - Partner Sales Engineer | XM Cyber-Exposure Management Expert | Aviatix Certified Engineer - Multi-Cloud Network Associate (**MCNA**), Multi-Cloud Network Professional (**MCNP**) and Security Specialty (**MCSS**) | Netskope - Cloud Security Specialist (**NCSS**) and Sales Associate (**NCSSA**) | Microsoft Certified: Security, Compliance, and Identity Fundamentals (**SC-900**) and Microsoft 365 Certified: Fundamentals (**MS-900**) | Cato Networks - SSE Expert, SASE Advanced Security, and SASE Expert Level 2 | Government on Commercial Cloud (**GCC**) Foundation (**GOVTECH Singapore**) | API Security Architect | Cato Networks - SASE Expert Level 1 | Cisco Black Belt - SASE Presales Stage 1 | Trellix: Data Protection Foundation, XDR Foundation and Introduction to XDR | Nozomi Networks Level 1 Technical Certification | AWS Partner: Security Governance at Scale (Technical), Security Governance at Scale (Business), AWS for Microsoft Workloads (Technical), AWS for Microsoft Workloads (Technical), Building Your Business with AWS for Executives, AWS Cloud Practitioner Essentials, Foundations (Technical), AWS Security Best Practices and AWS Professional Services: Cloud Adoption Framework | Zscaler Certified Cloud Administrator - Internet Access (**ZCCA-IA**) | OPSWAT File Security Associate (**OFSA**) | OPSWAT Introduction To Critical Infrastructure Protection (**ICIP**) | OPSWAT Certified Cybersecurity Associate (**OCCA**) | Microsoft Certified Azure Fundamentals (**AZ-900**) | Introduction to Cybersecurity (Cisco Networking Academy) | Scrum Foundation Professional Certificate (**SFPC**) | International Cybersecurity Institute Cybersecurity Essentials (**ICSI CE**) | Foundations of Operationalizing MITRE ATT&CK | CyberArk Trustee Certification (Level 1) - Privileged Access Management (**PAM**) | International Cybersecurity Institute Certified Network Security Specialist (**ICSI CNSS**) | Influence of IT Components on Industrial Control Systems – _Cybersecurity | Cisco CCIE R and S) (Expired) | Fortinet NSE 1 and 2 - Network Security Associate | Information Technology Infrastructure Library (**ITIL**) v3 Foundation in IT Service Management.

Education

- **Master of Science in Information Technology** (MSc IT), India

Personal Information

- UAE Visa Status: Resident
- Nationality: Indian
- Languages Spoken: English (US/UK)
- Date of Birth: March 1985
- Marital Status: Married