Atul R. Daf

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Certified Information Systems Security Professional (CISSP), Certified Ethical Hacker (CEH) with 25+ years exp in Networking, Cyber Security, Datacom, Telecom domains with Program/ Project Management and technical expertise across Wireless communication & Security, Information Security, Data Analytics, Cloud/Edge Computing & Security, Advanced Machine Learning, Applied AI with Deep Learning, looking to leverage my knowledge and experience for a Senior role in Information Security areas.

Skills

- Machine/Deep Learning   *****
- Data Visualization   ****
- Modelling   *****
- Statistics   ****
- Debugging   *****
- Python   ****
- Cyber Security   *****

Soft Skills

- Adaptability   *****
- Collaboration   *****
- Interpersonal Skills   ****
- Critical Thinking   *****
- Creative Thinking   *****
- Handling Pressure   ****
- Work Ethics   *****
- Problem Solving   *****

Domain Skills

OS: Linux, Windows, VxWorks   ****
Protocols: RLCMAC, BSSGP, SNDCP, MLPP, EQOS, GBoFR, GBoIP, SCTP   *****
Database: Oracle, Access, SQL, noSQL   ****
Languages: C, Python, Spark, Java,   ****
Technologies: GSM, GPRS, 3G, 4G, LTE, IMS, OpenStack, SDN/NFV, Cloud Computing, Edge Computing, Data Science   *****

Management Skills

- Project / Program Management   *****
- Time Management   *****
- Leadership   *****
- P&L Management   ****
- Risk management   *****
- Business Development   ****
- Client relationship management   *****
- Risk Management   *****
- Stakeholder Management   *****
- Budgeting & Cost Control   ****
- Implementation of best Quality management practices   ****
- Presentation to Senior Leadership Team   ****

Education

Degree: B.E.(Electronics & Telecom)
College: Visvesvaraya National Institute of Technology, Nagpur, India
Year:1990 – 1994

Personal Details

Languages Known: English, Marathi, Hindi, Sanskrit.
Address: Shree Sadguru Krupa, House No 1432, Sector 15 Part 2, Gurgaon – 122001, Haryana, India

Professional Summary:

- A result-oriented professional with 25+ years of cross-cultural experience working with top International Clients in Telecom based in Finland, Germany, Croatia, Hungary, Sweden, India, Indonesia, Czech Republic, Vietnam, China. Also clients in other industries like Banking Financial Services, Insurance, Securities/ Broking, Healthcare, Mutual Funds for establishing and maintaining enterprise vision, strategy, and governance to ensure protection of information assets and technologies
- Proven expertise in handling large programs **> 5m USD**, with cross-cultural multi-site teams involving both hardware and software development.
- Onsite Project Mgmt experience at **Nokia – Finland, Ratelindo - Indonesia** and **Reliance JIO – Mumbai** for software development and deployment in technologies like Wireless ICT, Customer Experience Management products from Netscout like IPI, TouchPoint, Iris Analytics for Analytics' solution.
- Proven experience with the Software Development Life Cycle (SDLC) for at least 4 major projects which involved development of **hardware, firmware and software for embedded cards** and more than 15 other projects involving software development using secure methods.
- Defining Security Strategy, architecture and Directing staff for developing, implementing, and maintaining processes across the enterprise for effective implementation of Administrative, Logical and Physical controls commensurate with the Asset classification and sensitivity requirements.

Awards & Certifications

- **Certified Information Systems Security Professional** (CISSP)
- **Certified Ethical Hacker (CEH)** by EC-Council
- **GDPR for Security Professional** by ISC2
- **Certified Sales Specialist** in Checkpoint products – CloudGaurd, Quantum, Harmony, **Cloud Ninja – Yellow Belt**
- **Network Security Associate** - Fortinet
- **Cloud certifications by ISC2** - Cloud Basics, DevSecOps, Working in Cloud, Moving to Cloud
- Certified in "**Fundamentals of Scalable Data Science**"
- Certified in "**Advanced Machine Learning and Signal Processing**"
- Certified in "**Applied Artificial Intelligence with Deep Learning**"
- Certified in "**Advanced Data Science Capstone**"
- Certified in "**Advanced Data Science with IBM**"
- Certified in "**Google Cloud Platform (GCP) Fundamentals**: **Core Infrastructure**"
- Certified in "**A-Z of Data Science – Data Preparation, Data Modelling, Data Mining, Visualization**" by Udemy
- **Agile Project Management** Certification from Aricent.
- **Project Management Professional** (PMP) trainings completed.
- **Achievement Award** as Project Manager for setting benchmark in quality delivery and customer value creation in Inmarsat Early Entry Project.
- **Excellence award** as Project Manager for Quality Delivery of Nokia BSC Software deliverables.

FortX Security Solutions
Consultant, Head – Information Security
Apr2021 – Present
- New start-up activities – Preparation of website content, company brochures, business presentations.
- Initiated sales channels targeting certain industries with presence in Uganda.
- Partnering with cyber-security product firms like Checkpoint, McAfee, Palo-Alto, Varonis for offering solutions to clients, sales certifications – Checkpoint Cloudgaurd, Quantum, Harmony.
- Evaluation of security solutions for clients - WAF, DLP, IDS/IPS, Firewall, Encryption, Threat Intelligence Platform Management from vendors like Checkpoint, McAfee, Palo-Alto, Forcepoint, Gemalto, IBM
- Defining services and product portfolio for FortX, creation of leads for cyber-security sales.

9USRcraft, Mumbai
Asstt. Vice President - Information Security
Aug 2019 to Apr2021
Key Result Areas/Highlights:
Clients: Health Insurance Firms, Financial Services Firms, Private Banks, Oil & Gas Company, Healthcare Firms, IT Firms, Securities/ Broking Firms
- Performed Cloud Security gap analysis for migration of applications and data to AWS Cloud.
- Assisted organisations in the Implementation and certification of Information Security Management System based on ISO27001/27002 standards, Business Continuity and Disaster Recovery Plans (BCP/DR).
- Managing SMEs for handing Vulnerability Assessment and Penetration Testing (VAPT) for OWASP Top10 threats for Web Applications, Network Security and other Application security.
- Conducted gap assessments and Audits – SEBI, RBI, e-mudhra eSign, NSDL eSign, Type I/II/III brokers, ISMS internal audits, HIPAA/GDPR/PCI/DISHA/SOX compliances, Access Review based on least-privileges/ Segregation of Duties, Network Review based on defence-in-depth, Security Architecture review.
- Authored/Reviewed policies and procedures – Access Control, Network Security, Asset Management, Cryptography, Risk Management Framework, Statement of Applicability, Backup & Recovery, BYOD, Change Management, Physical & Environment Security, Incident Management, Third Party Risk Management.
- Conducted Security Awareness Trainings for employees, IT Staff and Senior Management on social engineering, phishing, BEC & other vulnerabilities.
- Performed Asset Classification, Gap Analysis, Threat-based and Asset-based Risk Assessment/ Risk Treatment/ as per ISMS standards and helped organisation in ISO/IEC 27001 certification.
- Performed Technology and Information Risk Assessment, suggested best practices in Information Security for Industrial Control Systems (ICS) consisting of SCADA, PLC and Instrumentation controls.

Altran, Gurgaon
Senior Engineering Project Manager/ Principle Systems Engineer
May 1996 to Apr 2019
Key Result Areas/Highlights:
- **ICT software development and Security:** Handled various projects related to Information and Communication Technologies (ICT) security confirming to the X.805 security arch. defined for ICT systems. Handled software development projects for ICT systems using secure Waterfall and Agile SDLC methodologies which included security requirements handled right from design phase and implementing relevant security procedures for all the phases including Testing. Handled teams with responsibilities for Vulnerability Assessments and penetration testing for the applications and networks for OWASP top 10 vulnerabilities. Ensuring Code review as per Secure Coding guidelines for static code (SAST) using tools like Fortify as well as dynamic application security testing (DAST) using tools like Nessus, BurpSuite, etc. Managed Tier1/ Tier2/ Tier3 SOC structure for Clients using SIEM/SOAR solutions like QRADAR, SPLUNK, ServiceNow.
- **Cloud/ EDGE Computing Implementation & Security**: Development of EDGE computing based platform providing Application developers and Micro-service vendors a platform with capabilities of DevOps, a Marketplace and a Cloudlet based on on-demand orchestrated environment where applications and Micro-services can be deployed and tested. EDGE platform is most suitable for delay sensitive applications like Augmented Reality, Virtual Reality (AR/VR). All software development was done using secure Agile methodologies using DevSecOps. Clouds used – Private Cloud, AWS. Proof of Concept demos on – AWS Cloud formation (Infrastructure-as-a-Code, IaaC), AWS Inspector, AWS CloudWatch, AWS Kinesis, EC2, S3, SNS, SES, SQS, RDS, DDB, Lambda, CloudFront (Edge)
- **Artificial Intelligence/ Machine Learning**: Initiatives for Implementation of a AI based ChatBot for Customer Interaction using Recurrent Neural Network model to classify the category of users and give response from a list of responses (Retrieval based). Also implemented capstone projects based on Gaussian Naïve Bayes, K-Neighbours Classification, Linear Support Vector Classification, Linear Regression, Logistic Regression, Ensemble – Radom Forest Classifier, Gradient Boost Classifier, Ada Boost Classifier using Jupyter Notebook and Python programming language, IBM Watson framework.