

Goldy T Joseph

Information Security Analyst, ISMS-VAPT

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CAREER OBJECTIVE

Information Security Analyst with 6+ years of experience in the IT industry, specializing in security assessments and penetration testing. Skilled in testing web and mobile applications, networks, and APIs for diverse clients, including financial firms, educational institutions, healthcare organizations, and trading platforms.

EDUCATION

Master of Computer Applications | 2017- 2019 | Marian College Kuttikkanam, Peermade

Project - Infrastructure Automation using ANSIBLE in Embitel Technologies, Bengaluru.

Bachelor of Computer Science | 2014 – 2017 | College of Applied Science, Kanjirappally

Project - Library Management Systems (Java)

INDUSTRY CERTIFICATIONS

- Certified Penetration Testing (CIPENT) – Certified
- Certified Ethical Hacker V11 - Certified
- Red Hat Certified System Administrator - Certified
- Red Hat Certified Engineer - Completed Training

TECHNICAL SKILLS

- VAPT Expertise: Manual and automated, vulnerability assessment and penetration Testing for diverse environments including Web Applications, Networks, Android Applications, APIs, and Active Directory.
- Scripting and Programming: PowerShell, Bash, and Python. Basic Knowledge with programming languages including C, C++, Ruby and Java.
- Virtualization Technologies: OS level Virtualization Technology such as Docker Containers.
- Automation: Practical Experience with Ansible.

PROFESSIONAL EXPERIENCE

Information Security Analyst A3

April 2024 – Oct 2025 | UST Global(Kerala, India)

UST Global, is a provider of digital technology and transformation, information technology and services. headquartered in Aliso Viejo, California, United States.

Roles/Responsibilities:

- Managed and led a team for the CERT-In empanelment renewal process and served as the point of contact (POC).
- Responsible for conducting vulnerability assessments and penetration testing on client applications and network infrastructure, providing comprehensive remediation guidelines, and conducting research activities in **Malware Development, Threat Simulation, Phishing Infrastructure Setup** and **Red Team operations**.
- Conducts thorough manual and automated assessments on Web Applications, Networks, Android Applications, APIs, and **Active Directory** environments to identify security vulnerabilities.
- Provides actionable recommendations and assists clients in strengthening the security of their applications by addressing identified vulnerabilities. Works closely with clients to promptly communicate and mitigate critical security issues.
- Proficient in C2 frameworks (Havoc, Sliver, PowerShell Empire) and PowerShell scripting for Active Directory exploitation, with exposure to Malware Development and Defence Evasion techniques.
- Prepares detailed vulnerability assessment and penetration testing reports that outline the impact, severity, steps to reproduce, and remediation guidelines for identified vulnerabilities.
- Skilled in PowerShell, Bash, and Python scripting, with additional expertise in programming languages including C, C++, C#, and Java.

Cyber Security Analyst

Nov 2022 – April 2024 | Tuxcentrix Consultancy Pvt. Ltd. (Kerala, India)

Tuxcentrix is a provider of Information Security services, Network Security and Network Solutions, headquartered in Ernakulam, India.

Roles/Responsibilities:

- Led and conducted end-to-end penetration testing for various types of systems, including **Networks, Web Applications, APIs, and Android Applications** primarily for external clients.
- Develop approach documents and methodology documents for client engagements and the VAPT team to ensure effective penetration testing practices.
- Worked on CERT-In task sheets and documentation.
- Designed and facilitated Capture the Flag (CTF) challenges for interview processes.
- Delivered training and knowledge transfer sessions to new hires on the OWASP Top 10 vulnerabilities, Network and Android Penetration Testing, and various security practices, fostering a secure and knowledgeable workforce.
- Conduct regular reassessments to guarantee vulnerabilities were properly addressed and systems remained compliant with the latest security standards.
- Continuously work on improving security services by enhancing existing methodologies and supporting materials, demonstrating a commitment to providing high-quality security solutions.
- Assigned tasks, set objectives, and offered guidance to ensure project accomplishments.
- Supervised team performance and fostered a cooperative work atmosphere.
- Planned and coordinated VAPT projects, ensuring adherence to timelines and quality standards.

Associate Systems Engineer

May 2019 - May 2022 | National Imagery Center, Ministry of Defence - Doha, Qatar

The Ministry of Defence is responsible for defending the homeland. It leads fighting and support units including Qatar Emiri Land Forces, Qatar Emiri Air Forces, Qatar Emiri Navy Forces, and Calibration Center of Qatar Armed Forces.

Roles/Responsibilities:

- Conducted security testing and vulnerability assessments across systems and applications to identify potential risks and exposures.
- Implemented patches, configuration changes, and security fixes based on assessment findings and compliance requirements.
- Assisted in the design and deployment of secure system architectures for Linux and Windows platforms.
- Monitored infrastructure for suspicious activities, performance anomalies, and potential security breaches.
- Automated security checks and system hardening processes using custom scripts to reduce manual intervention.
- Collaborated with development and network teams to remediate vulnerabilities and strengthen overall system defense posture.
- Ensured adherence to organizational security standards, backup policies, and disaster recovery procedures.

System Administrator, IT Support (Intern)

Dec 2018 - Mar 2019 | Embitel Technologies Pvt. Ltd. - Bengaluru, India

Embitel offers- Product engineering services (Automotive & Connected Cars), IoT for Industry 4.0, e-commerce website development and digital experience-driven solutions.

Roles/Responsibilities:

- Implemented automated installations for both server and developer Standard Operating Environment (SOE) using Ansible as part of the Graduation project.
- Developed compact command-line tools and utility scripts for Linux systems using Python, Bash, and Perl.
- Provided IT support by promptly addressing and resolving issues.
- Configured hardware and software to optimal configurations to fulfill system requirements.

HOBBY PROJECTS

Atlas IMINT - Image Exploitation and Mapping (01/2020 - 04/2020) Satellite Image Exploitation and workflow planning.

Credit Point Calculator (10/2020 - 11/2021) Utility for Calculating Satellite Image Credits.

Gemini Thumbnail-er (11/2019 - Present) A Small utility script for creating thumbnails for Huge Satellite Images.

ACHIEVEMENTS

- Speaker at SAMVAD 2025 CERT-IN Conference.
- Pro Hacker Level with 40+ system owns on HacktheBox.
- Security Finding of the Month (Dec 2024) - UST Global.
- BSides Bangalore Binary Blitz Battle CTF (b5ctf) 2024 Second Runner Up.

NON-TECHNICAL SKILLS

- Exceptional proficiency in communication.
- Excellent capacity for making impactful decisions and operating independently with little supervision.
- Management and leadership quality.
- Quick learner and adept at self-teaching.