

SRI

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EDUCATION

- MS in Computer Science - Security** **Boston University, Boston, MA** 01/23 - 05/24
- Coursework: Enterprise Cyber Security, Network Security, Software Engineering, Secure Software Development.
- BE in Computer Science and Engineering** **SIST, India** 07/16 - 05/20
- Activities: Cognizant Student Club, Technical Event Organizer and Trainer in School of Computing.

SKILLS

Python | Java | Javascript | Bash Scripting | Splunk | Snort | Wireshark | YARA-L | Autosys | Microsoft 365 Suite | Log analysis | Developing and maintaining technical documentation, troubleshooting procedures | Sonarcloud | Informatica | Tableau

CERTIFICATIONS

- CompTIA Security+ (SY0-701) Certified (DMEYDXSZNFV41TKW) [[Verify](#)]
- Google Cybersecurity Professional Certified [[Verify](#)]
- Introduction to Information Security Fundamentals + IT Data and Application Security issued by IBM ICE

PROFESSIONAL EXPERIENCE

- Teaching Assistant** **Boston University, Boston, MA** 09/23 - 12/23
- Assisted in teaching courses in Software quality, Testing and Security management.
 - Guided 12 student teams in a semester-long group project to design and develop real-world software systems using UML, project management tools, programming frameworks, and version control systems.
 - Evaluated and provided feedback on students' projects and assignments, focusing on software quality, security, and adherence to best practices.
 - Collaborated with the course instructor to develop and improve course materials, including lecture notes, assignments, and Project materials.
- Software Engineer** **Capgemini, India** 01/21 - 07/22
- Provided Level 1 and Level 2 support for Informatica environments, ensuring smooth operation of workflows and batch processes.
 - Collaborated with cross-functional teams to diagnose and resolve integration issues between Informatica and other systems.
 - Performed routine maintenance tasks, including applying patches, upgrades, and configuration changes to Informatica components.
 - Utilized batch scheduling tools (Autosys) to manage job schedules, troubleshoot failures, and implement corrective actions.
 - Developed and maintained documentation related to Informatica configurations, processes, and troubleshooting procedures.
 - Troubleshooted and resolved critical Informatica job failures within defined SLAs, maintaining a 97% success rate over the year through effective use of ServiceNow Incident Management.
 - Communicated regularly with stakeholders to update the status of ETL data processing and incident resolution, ensuring transparency and timely reporting.
 - Achieved a 100% success rate in data transfers to the Tableau team using Informatica ETL jobs, supporting critical business reporting and analytics.
- Core Team Executive** **Global Child Prodigy Awards, India** 01/17 - 12/20
- Led data management and outreach, building a database from scratch, and coordinating communication with sponsors, celebrities, clients, nominees, and media.
 - Created, collected, maintained, and controlled access to sensitive PII data as a Data Owner, ensuring compliance with IT Rules 2011 (India), GDPR, CCPA through robust consent management, access controls, and data security practices.
 - Implemented security measures to protect PII data, updating policies to meet evolving regulations.
 - Maintained accurate sponsor and client databases by enforcing strict access controls and policies, collaborating with stakeholders for data verification and updates.
 - Managed award ceremony events, handling guest arrangements and resolving issues to ensure smooth operations.

PROJECTS

- Secure Software Development of You.Social - a social networking web application** 01/24 - 04/24
- Enhanced the security posture of an existing social networking web application using DevSecOps methodologies.
 - Conducted Static Application Security Testing (SAST) with SonarCloud and Dynamic Application Security Testing (DAST) with OWASP ZAP by integrating the workflows with Github actions and also by deploying on the Docker.
 - Implemented a robust authentication system with Multi-Factor Authentication (MFA) to defend from common OWASP vulnerabilities (Credential stuffing, Broken authentication and session management).
 - Utilized prepared statements to mitigate SQL injection vulnerabilities and Established Content Security Policy (CSP) to prevent Cross-Site Scripting (XSS), clickjacking, and other node injection attacks.

HONORS & AWARDS

- Honored as Employee of the year 2021 with the incentive and bonus by Capgemini Technology Services India Pvt. Ltd.