

SRI

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EDUCATION

- MSCS, Concentration in 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 | SQL | Unix Shell Scripting | Git | Wireshark | Microsoft Office | Unix | Linux | Informatica | Tableau | Splunk | Chronicle | NIST security framework | SonarCloud | OWASP ZAP GUI | Log Analysis

CERTIFICATIONS

- CompTIA Security+ (SY0-701) Certified [[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
- Software Quality, Testing and Security Management
- Assisted in course planning, implementation, and mentoring over 80 students, resulting in a 10% improvement in grades through project feedback and virtual weekend meetings.
 - Mentored six teams on term projects, ensuring they met delivery expectations and achieved high standards of quality and performance.
- Software Engineer** **Capgemini Technology Services India Pvt. Ltd., India** 01/21 - 07/22
- Managed and optimized over 2500 Informatica ETL jobs daily under production servers, ensuring 100% data accuracy received from upstream.
 - Restored millions of lost records due to technical or logical failures using Recovery techniques provided by playbooks, ensuring seamless recovery.
 - Resolved critical Informatica job failures within SLAs defined, maintaining 95% success rate in a year with ServiceNow Incident Management.
 - Communicated with stakeholders on a daily basis updating the status of the ETL data in the servers and Incidents raised.
 - Achieved 99.9% success in data transfers to Tableau team using Informatica ETL Jobs, supporting critical reporting.
- Core Team Executive** **Global Child Prodigy Awards, India** 01/17 - 12/20
- Created, collected, maintained, and controlled access to sensitive PII data as a Data Owner, ensuring compliance with IT Rules 2011, India, GDPR, CCPA, COPPA.
 - Implemented robust security measures to protect PII data from unauthorized access, regularly updating security policies to align with evolving regulations.
 - Maintained accurate sponsor and client databases using OSINT techniques, 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).
 - 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.

- SIEM** 09/19 - 04/20
- A study conducted to analyze which algorithm provides the high accuracy of prediction for the Parkinson's disease dataset, here the classification accuracy was studied and compared, with good performance and fast implementation XGBoost achieved a high accuracy with 96%.
 - The system provides the comparison between machine learning classifiers of Linear Regression (LR) and XGBoost in Parkinson's Disease diagnosis with high dimensional data.

HONORS & AWARDS

- Honored as Employee of the year 2021 with the incentive and bonus by Capgemini Technology Services India Pvt. Ltd.
- Achieved 6th Rank Nationwide Amrita InCTF 2018 competitions, India.