Shervin Bruce

+919344729620 | bruc873@gmail.com | linkedin.com/in/Shervin Bruce | github.com/Shervin Bruce

EDUCATION

St Joseph's Institute of Technology	OMR, Chennai
Bachelor of Technology in Information Technology	*Sep. 2021 – May 2025*
Green Valley Central School	Mogappair, Chennai
Higher Secondary	*June. 2019 – May 2021*

INTERNSHIPS

Cybersecurity Intern — July 2024 – Aug 2024
ROOTECSTAK — *Chennai, Tamil Nadu*
- Conducted penetration testing on web applications using Burp Suite
- Identified and reported security flaws with detailed mitigation strategies

Security Intern — Dec. 2024 – Feb 2025
INFOTACT SOLUTIONS — *Bangalore, Hybrid*
- Developed vulnerability scanners and automated security testing tools
- Implemented adware detection mechanisms for web applications
- Performed security assessments and generated detailed reports

web Development Intern — Sep 2023 – Oct 2023
OASIS INFOBYTE — *India,Online*
- I developed a responsive music player app with streamlined UI/UX
- Designed an e-commerce website interface, and built an interactive, mobile-friendly portfolio website to showcase projects and skills.

PROJECTS

Adware Detection System | *Python,Flask* — Feb 2025
- Developed a adware detection tool using Python Flask that identifies and flags potential adware
- Integrated with Api keys of Virus Total and Meta Defender

Web Vulnerability Scanner | *API,Python,Flask* — Jan 2025
- Created an automated tool that scans for SQL Injection, XSS, and CSRF vulnerabilities in web applications, generating comprehensive reports with remediation suggestions
- Incorporated reconnaissance techniques inspired by Nmap and security research blogs to enhance detection logic and endpoint mapping accuracy

Threat Tracker Using SIEM | *API,Python GUI,Flask* — Mar 2025
- Implemented a SIEM-based solution for real-time threat monitoring and log analysis that alerts administrators to potential security breaches
- Analyzed Windows Event Viewer logs to detect suspicious login attempts, privilege escalations, and abnormal system behavior patterns

TECHNICAL SKILLS AND CERTIFICATIONS

Languages: Python, C/C++, MySQL , JavaScript, HTML/CSS
Frameworks: Flask, Jenkins, AWS Management console, Nmap,Wireshark,Burp Suite,Metasploit
Developer Tools: Git, Docker, Google Cloud Platform, AWS Cloud Platform,VS Code, Visual Studio, Google Colab
Practices: Penetration Testing, Threat Hunting, Vulnerability Assessment, CI/CD

Certification: CEH v12 (Master) – EC-Council, AWS Certified Cloud Practitioner – Amazon Web Services, Network Security and Support – Cisco Networking Academy, Certified AppSec Practitioner – The SecOps Group, Ethical Hacking – Simplilearn

EXTRA CURRICULAR & ACTIVITIES

- Active CTF player on TryHackMe,HTB and PicoCTF, bug bounty hunter on HackerOne with multiple vulnerability reports, and participant in the Hindustan University Hackathon
- Developing security solutions and also secured a position in the Top 1000 teams of Niral Thiruvizha 2.0