Febin Jose
Security Consultant

✉ febinjose5172@gmail.com ▢ joenibe.github.io in linkedin.com/in/febinjose5172 ○ github.com/JoeNibe

WORK EXPERIENCE

Security Consultant
Payatu Security Consulting Pvt Ltd.

08/2021 - Present   *Pune, India*
Achievements/Tasks

- Performing cloud penetration testing and configuration review of AWS & Azure infrastructure. Designing and Implementing secure cloud infra as per client requirements.
- Conducting web app, REST APIs and network pen-tests and help application team remediate the identified issues.
- Lead a team of 5 and helped implement and maintain the complete security solution for a startup client, which included implementation of a SIEM solution, logging & monitoring of cloud resources and web applications, cyber threat intelligence, DevSecOps, secure code review and creation of disaster recovery plans.

Security Analyst
Ernst & Young

09/2019 - 08/2021   *Kochi, India*
Achievements/Tasks

- Developed multiple automated tools that were used to identify vulnerabilities and misconfigurations which included *DNS takeover*, *SSL/TLS certificate issues* & *configuration vulnerabilities*. The tools were used to monitor 12,000+ web applications, reducing manual efforts by 50%.
- Designed and built a secure and scalable database solution on Azure that collected & processed information regarding the overall attack surface of the company which included active domains, open ports, and technologies used, thereby increasing the detected attack surface by 250%.
- Researching the latest vulnerabilities and developing automated scripts that can be used to detect the presence of these vulnerabilities in a pool of 12,000+ applications.
- Conducting web app and REST APIs pen-tests. Validating security findings reported by third-parties security audits.

System Administrator
IT People Corporation

03/2019 - 09/2019   *Hyderabad, India*
Achievements/Tasks

- Setup and maintenance of 10+ on-premise physical servers, cloud servers, VPN, firewall and local wireless networks.
- Created an automated solution written in PowerShell for regularly collecting software status from employee laptops.

EDUCATION

B.Sc. Physical Science
St. Stephen's College, University of Delhi

07/2015 - 05/2018   *7.955 GPA*
Courses

- Computer Science
- Mathematics

SKILLS

Web App/API Pen-test   Cloud Pen-test   Linux
Azure/AWS Administration   DevSecOps   Python
Cloud Infra Audit   Vulnerability Assessment
Bash Scripting   Network Security

PROJECTS

CowinBOT (github.com/JoeNibe/CowinBot) ⬈
- A discord bot that checks vaccine availability using public APIs and alerts the user.

PyCertChecker (github.com/JoeNibe/PyCertChecker) ⬈
- A threaded python tool for mass checking certificate issues. This tool can identify the following certificate issues. *Expired certificates, Certificates expiring soon, Revocation status of certificates (Using OCSP requests), Self-signed certificates.*

PySubEnum (github.com/JoeNibe/PySubEnum) ⬈
- A python tool that uses python AsnycIO to launch a few SubDomain tools and aggregates the output.

PySSLTest3 (github.com/JoeNibe/PySSLTest3) ⬈
- A threaded python program that uses Qualys SSL Lab API to run SSL configuration and vulnerability checks for a large number of applications.

GR Searcher(github.com/JoeNibe/GR-Searcher) ⬈
- A python tool that can be used to find people with similar reading interests on the GoodReads website.

Security Auditing Project for St.Stephen's College
- Completed a security auditing project against the IT infrastructure of St. Stephen's college. The project consisted of active and passive vulnerability assessments of the college website and other IT assets. Around 3 critical and 8 high issues were identified and fixed.

CERTIFICATIONS

Offensive Security Certified Professional (OSCP) (02/2021) ⬈
Offensive Security

AWS Certified Security – Specialty (12/2021) ⬈
Amazon Web Services

Microsoft Certified: Azure Fundamentals (AZ-900) (04/2021) ⬈
Microsoft

EY Cybersecurity - Bronze (01/2021) ⬈
Ernst & Young

Qualys Certified Specialist (Web Application) (11/2019)
Qualys

Cisco Certified Network Associate (CCNA) (03/2019) ⬈
Cisco

CompTIA Security+ (10/2018) ⬈
CompTIA