

# Febin Jose

Security Consultant

✉ febinjose5172@gmail.com

📄 joenibe.github.io

🌐 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 implemented 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](https://github.com/JoeNibe/CowinBot))

- A discord bot that checks vaccine availability using public APIs and alerts the user.

PyCertChecker ([github.com/JoeNibe/PyCertChecker](https://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](https://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](https://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](https://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*