Hrishikesh Nate

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Career Profile:

Working as a Security Researcher having 4.2 years of experience. Skilled in the areas of Computer Security.

Career Objective:

Achieving an apical position in Cyber Security Profession.
Looking for an opportunity to work on challenging and interesting modules and projects. Motivated and eager to upgrade my career with a growth-oriented, technically-advanced organization as an Information Security Researcher.

Professional Experience:

- Working as a Security Engineer at **Paytm** E-commerce company (July 2021-Present) Bangalore.

  Achievements:

  - Developed an open-source dashboard to integrate all sorts of tickets, so that management can have an analytical view of the complete process with the duration of the process.
  - Developed a homegrown product "**Spyonic**" it is an integration of all open source bug bounty tools which helps in finding and remediating all low hanging fruits that are caused by security misconfigurations.
  - Developed a homegrown product "**Secreview**" with Jira API to create tickets and maintain them for non-Jira users.
  - Automated the complete process of VA assessment wherein the input is taken from users, it further tests the connectivity between the server, if yes then creates an authenticated scan using **NESSUS** and further goes the vulnerability management using **FARADAY** and then creates tickets using **JIRA**.

  Job Role & Responsibilities:

  - DAST Assessment.
  - SAST Assessment (Analyze source code of findings reported by SAST tools and eliminate false positives.)
  - API Pen Testing.
  - Vulnerability Assessment & Penetration Testing for Internal and External Network.

- Working as a Senior Security Executive in **Justdial Limited** (July 2018 –July 2021) Bangalore.

   Job Role & Responsibilities:
   - Web Application Penetration Testing.
   - API Pen Testing.
   - Vulnerability Assessment & Penetration Testing for Internal and External Network.
   - Monitored the use of data files and regulated access to protect secure information.
   - Monitored computer virus reports determining when to update virus protection systems (Quarterly VA-PT)
   - Conducted penetration testing and located vulnerabilities in systems before they could
   - be exploited.
   - Monitored organization's networks for security breaches and investigated violations.
   - Expertise in security policies.
   - Expert in Automation Scripts.

   Achievements:
   - Automated whole IP Blocking and Releasing process.
   - Implementation of Rules on the basis of Crawling behavior.

- Worked as an intern in **Justdial Limited**.

   Job Role & Responsibilities:
   - SIEM module.
   - Worked on MVC Projects.
   - LAMP Architecture.

Implant training in **S&T Branch of Mumbai Division (Central railway)**:
   - Understanding of signals and systems in railway units.
   - Optical fiber communication in railways.
   - Tracking of signals.
   - Digital signal processing in railways.

Government Association:
- Tested government websites for vulnerabilities and reported to the respective authorities with appropriate optimal solutions for the same.
- Developed an OSINT Tool called OsintORK for ease in the digital investigation for authorities and to help fraud online traces of reformation regarding the subject of the case.
- Dark-Web Deep monitoring.
- Collected requirements as per department needs and developed a Social Media Monitoring Web Application for collecting complaints regarding offensive posts.
- Included modules to generate automated letters/ reports/notices based on actions taken by the respective authority and dynamically change content as per the sections of the India Penal Court criminal procedure code and IT Act.
- Automating and Optimizing Infrastructural work.

Technical Proficiency:

   ・Web Application Penetration Testing. (DAST & SAST).
   ・API Penetration Testing .
   ・Vulnerability Assessment & Penetration Testing .

・Android Penetration Testing .
・Networking.
・Automation & Scripting.

Certifications & Training:

・EC-Council: - CEH V10 (ECC3150269784).
・CCNA Routing & Switching.
・CCNP Security (ASA).
・CNSS(Network Security).
・Microcontroller 8051 Key skills.

Software Languages & Tools:

Security Tools:
  DAST: Burp Suite,Postman
  SAST: Checkmarx
  VA: Nessus, Faraday,Qualys
Front-end Languages:
  HTML5, CSS3, JavaScript, Ajax.
Back-end Language:
  Bash, Python, PHP, Groovy.
Database:
  MySQL, PostgreSQL
Framework:
  Flask, Django.

Educational Summary:

Examination	Specialization	University/ Board	Year
B.E	Bachelors of Electronics & Telecommunication Engineering	Mumbai University	2018
HSC	Science	Maharashtra Board	2014
SSC	General	Maharashtra Board	2012

Technical Project Accomplishments:
・Cloud Computing and Firewall on Raspberry Pi.
・Quadcopter configuration and assembling using Arduino.
・Testing Payloads and Malware on Windows 10 and antivirus.
・Testing WPA, WEP, and WPA2 wifi.
・Practice in Capture the Flag challenges from Vuln Hub, Hack The Box, and Over The Wire. ・Darknet Crawler.

About Me:

Hi, I'm Hrishikesh, a procrastinated engineer.

Automating tasks is something that gives me a boost as procrastination is something that people find as not so good a habit but that has helped me in being productive by taking on tedious jobs and instructing the computer to do it by itself by scripting a few to hundreds of lines.

I try and understand the complete process for the job and once the necessary conditions are satisfied I try to automate the boring stuff which gives me the opportunity to understand more of the other things that help to learn new processes every day, I script to automate the hectic jobs that are time-consuming and are have no learning impact on daily basis.

Personal Details:
    Name: Hrishikesh
    DOB: 19-08-1996
    Nationality: Indian
    Languages known: English, Marathi, Hindi.

Declaration:

I hereby certify that all the information provided here is correct to the best of my knowledge.

Date: 04-10-2022   Yours Faithfully

Place: Mumbai   Hrishikesh Nate