



Ashish R Bhandari

Security Engineer | Troubleshooter | Software Explorer



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CAREER SUMMARY

I am a Security Engineer, who loves to explore Softwares from different angles (Security, Frontend, Backend). I keep on improving my skills by reading, researching and developing (small projects), i try to learn the concepts in a way that i can EXPLAIN it to others. This helps me to increase my Knowledge & Experience. I always try to learn concepts from different ways so that i can fully decode and relate with it. I am very much curious to learn something new and always try to challenge myself.

Work Experience

Security Engineer

06/2019 - 09/2021



My Role requires me to be flexible enough to understand the Enterprise Security Requirements, Understand how Web Apps works, how to understand, troubleshoot & test Web Apps working and being able to apply policy based restrictions on it.

I Work Closely with the NOC & SOC team to identify problems faced due to website/application broken functionality, which can be causes by Inline Content-Filtering Solution(Firewall/IDPS/AV Scanner).

I handle the Application Security Testing part where i provide a detailed report on the Security Vulnerabilities of the Product. One part of my work focuses on finding the Bugs & issues related to product found in the testing phase or at the client side.

Core:

- Testing using #OWASP Top 10, #SANS Top 25 Methodology.
- Internal Application Security Testing (Burp Suite, Fiddler, Postman, MitmProxy, Curl & Manual Approach)
- Conduct VAPT on Product as well as on all Services including Web, Network & API VAPT

Responsibilities:

- As a SOC Analyst, I keep on hunting for different types of use cases that happen at client setup
- Leading Multiple Projects and Team, being able to help customer in all the phases and beyond
- Product Demonstration, Demonstrating New Ways of Applying Security Restrictions, Webinars, Requirement Gathering.

Job Skills:

Security Testing, Web Development, Scripting, Content-Filtering, Troubleshooting, DLP, DNS Security, Fuzzing

Jr. Security Engineer

05/2018 - 06/2019



Understanding product, its features, testing, setup, installation, troubleshooting, security policy creation, debugging with SOC is what i do daily.

- Setup, Configure, Manage & Finetune Squid Proxy, Apache & Nginx Webserver, Bind Caching Nameserver, MMONit,NTP based on testing & requirement.
- Testing SafeSquid-SWG & all its modules using Curl, Fiddler
- Testing, Troubleshooting & Debugging SafeSquid-SWG
- Client Support Engineering (Troubleshooting), Configuration and Deployment
- LDAP/ICAP Configuration & Integration with Product
- Product Configuration Review
- Testing the SafeSquid-SWG for any kind of Functionality and Security related Bugs.
- Testing Includes: #SSL Inspection related bugs, #DLP related bugs, #XSS, #Fuzzing.
- Product Plug-in Development (JavaScript, Python, Bash)

Job Skills:

Linux, Scripting, Troubleshooting, Fuzzing, Networking

SafeSquid Labs

Network Engineer

06/2017 - 05/2018



Maintain Security Restrictions, Network Setup, troubleshooting, AD Management are my keys roles along with Computer & Network device maintenance.

- Maintain the Cyberoam Firewall
- Creating Network Restriction Policies
- Logging and Monitoring Events to understand flaw in the Network Restriction Policies
- Microsoft AD User Group management
- Troubleshooting & Analysis
- Hardware Maintenance

Job Skills:

Hardware & Software Troubleshooting, DNS Security, Networking

Skills & Tools

Skills:

Security Testing, Troubleshooter, Networking, Web Dev(Frontend+Backend), DNS Security, Java, Python, JavaScript, NodeJS, Scripting, Linux, Code Review

Tools:

Curl, OpenSSL, Wireshark, Tcpdump, Browser Developer Tools, BurpSuite, Fiddler, NMap, MITM Proxy, Pi-Hole(DNS), Putty

Education

BSc (Spec. in IT)

2014-2017

Patkar Varde College(Goregoan)

HSC (With Maths)

2012-2014

Thakur College(Kandivali)

SSC

2012

Children's Academy(Kandivali)

Awards & Laurels

Buildbox Training

Rapid Game Development(College Tech WebSession)

Trained Students on how to use Buildbox and create their own games.

Bootstrap Session

Web Development(College Tech WebSession)

I showed how a simple login form, or a simple website can be retransformed and made attractive & responsive just by importing bootstrap and using its classes

JavaScript World

Web Development(College Tech WebSession)

I taught form validation, different event handlers, where to use and how they help etc.

Personal Qualities

Listening, Understanding & Analyzing Problems

Software Lover & Explorer

Problem Solving & Observational Skills

Love Teaching what I know

Internet Surfer & Explorer

Exploring

CTF Player:

TryHackMe, HackTheBox, PortSwigger, OffSec Playground

Perimeter Security Soln:

Proxy, Firewall, IDPS

Tech Lover:

Adguard, Pi-Hole, DilaDelete, Simplewall, SafeSquid