KSHITIJ NIGAM

Cybersecurity Engineer

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EXPERIENCE

Security Engineer

Hutchison Drei Austria GmbH

📅 March 2019 – Ongoing   ⚲ Vienna, Austria

- Monitoring internal networks to identify security breaches and mitigate such incidents using our Security Operation Center (SOC)
- Performing regular network vulnerability Scans for Hutchison Drei Austria and its subsidiaries
- Contributed in creation and maintenance of ISMS for ISO 27001 certification of the company
- Development and automation of custom in-house security testing tools
- Performing security assessment and penetration testing on Hutchison Drei Austria owned mobile apps and websites

QA Automation Specialist

Shpock

📅 Oct 2018 – Feb 2019   ⚲ Vienna, Austria

- Creation of a fully automated cross platform environment using selenium IO, appium and puppeteer using NodeJS with continuous integration using Jenkins
- Creating and Executing Performance Test plan using Jmeter with Selenium plugin using Flood IO
- Creation of Proof Of Concept for Cypress and Travis CI for front-end automation

Software Development Engineer in Test

Tracelink India Pvt. Ltd.

📅 July 2016 - Oct 2018   ⚲ Mumbai, India

- Creation of Automation Module for Tracelink Inc using , Scala over JAVA, TestNG , Web-Services and Selenium, using Bitbucket as repository
- Automated the Data Entry Process from Physical PDFs using pytesser
- Creating "Functional Requirements" and Tests from Stories in "Pivotal" to manage test campaigns
- Working on effective testing of Dynamo DB(AWS specific) and its interaction of APIs with Lift Framework
- Automation of Feeds dropped on Servers(Habari) and inter-conversion of Maps into various formats.

QA Engineering Senior Technical Associate

Avaya

📅 Feb 2015 - June 2016   ⚲ Pune, India

- Maintenance of QC and regression campaign. Driving improvements in unit testing coverage and developing test suites for enhancements
- Working closely with feature teams to collect the right data and its utilization in decision making and delegation
- Creation of cross platform end to end automation framework for testing VOIP based products

LIFE PHILOSOPHY

"Change is inevitable but being prepared for it is a choice!"

WHY ME ?

Keeping up

As a tech enthusiast I am always excited about the upcoming changes and innovations, hence I always keep an eye on current trends in the industry and adapt to the most efficient solution/method/product

Team Player

I consider being a team player to be one of my greatest strengths, in my professional career I have worked and managed a diverse team spread across physically distant locations. My CTF team is also spread across the world and we work together to solve challenges

Extra Curricular

Apart from my office related tasks, I also indulge in various extracurricular activities such as, CTF competitions, OWASP/Security meetups, hackathons. My CTF team actively participates in various competitions, you can check out the writeups here: click-me

Open Source

When I find an interesting new technology with better features, I try to utilize it in my workflow. I love to contribute to an open-source project if I find a bug or an interesting feature. These open-source tools/POC/Writups can be found on my github/gitlab account.

Notable Tools:
- XSSATTackerPuppeteer

Notable Contributions:
- ProjectDiscovery
- Kali Linux

Validation Engineer

Sela technology pvt ltd

📅 Nov 2012 - Feb 2015   📍 Pune, India

- Creation of Test Specification and Test Cases for Global Platform Messaging
- Creation of testing tool for updating non regression tests using reverse xml parsing using JAVA

EDUCATION

B.E. in Computer Science

Rajiv Gandhi Technical University

📅 July 2008 – July 2012

LANGUAGES

English
Hindi
German

🏆 **Recognition in Workplace**

- Won The Club Stellar "Rising star award" for best performer in 2015 Avaya Rising Star
- Won Samurai Award for excellent performance in Automation Project and quarterly release in Tracelink 2017
- Won young talent award for best employee in testing team in 2013
- Got appreciation for SP TSM 4.0 Project
- Got appreciation for EU module in Tracelink Web 3.4

TECHNICAL SKILLS

Qualys Cloud Scanner Darktrace SOC
ISMS Ghidra FFUF OWASP Amass
Nuclei Google Tsunami OpenVAS/GVM
NMAP Masscan NetCat Gobuster
Nikto OWASP ZAP Burpsuite MobSF
SQLMap GDB Ghidra Radare2
Nessus CE Maltego CE Aircrack-ng
Hydra JohnTheRipper JADX Apktool

Selenium Taiko Genymotion Appium
Cypress Puppeteer PyAutoGUI
Auto IT Unix Shell Scripting Power Shell Script

Python JAVA NodeJS Logstash
Kibana Elasticsearch Javascript

JMeter SOAP UI LOAD UI TOSCA
Postman