SOUVIK SHARMA

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PROFESSIONAL SUMMARY

Have gained good exposure to understand various aspects of **Automation Testing** through Post Graduate Program which has developed a great sense of confidence at a very personal level. Hence, I seek a challenging position in the area of **Automation Testing & related fields** where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement.

CERTIFICATIONS

1.Masters Program - Automation Testing Engineer : Simplilearn Certified - 2024

- Implement software development and database fundamentals through agile
- Get started with Functional Testing, TDD, and DevOps integration
- Test and monitor your applications through Non-functional and API Testing
- Learn mobile automation and cloud testing
- Automation Test Engineer Capstone

WORK EXPERIENCE

Senior System Engineer , 11/2021 - Current

Infosys Limited – Kolkata

- Manage all Big IP Network IP services & Design. BIG-IQ deployment and management.
- Provide Network engineering services in a large SharePoint environment.
- Expert in F5 LTM, ASM and SSL offloading.
- Have better understanding of DNS, SSL/TLS encryption.
- Strong understanding of web traffic load balancing function and manipulation procedures along with sizing and capacity planning based on high availability.
- WAF configuration, learning, analyzing and blocking attacks like http paser attack, SQL injection, cross site scripting, password attacks etc.
- Generating QK view file upgrading F5.
- SSL renewal automation using BIG-IQ Automating All the Web Lbs Waf for adding ip address in ip blocking using python.

PROJECTS

1.Project Name : DCM-Production Cloud (On-Premises)

- This project supports hybrid cloud environment hosted server requirements with services like VM build, system support (windows and Linux) and their networking needs such as remote connectivity, security, authentication, internet needs (proxy, load balancing) and cloud needs. Automation Testing Master Program - Dec 2023-Aug 2024
- I have been part of this project for almost 4 months, Working as L2 network security engineer.
- Cisco Firepower(IPS): Utilize access control lists to limit network traffic. Enabling logging and alerting on all devices. Monitoring performance and blocking malicious events, attacks and threats. Created group and added malicious IP in the group automatically.
- **2.Project Name : iRemote Support**
- This project supports iRemote Web Application and Managing Enterprise LBs Service like troubleshooting technical issues and providing solutions to all users and on boarding of multiple applications webapps.
- I have been part of this project for almost 1 year 6 months, Working as L3 support engineer.
- Manage all Big-IP services & design across all regions, Manage Big-IQ deployment and management Provide Network engineering services in a large SharePoint environment.
- Traffic load balancing function and manipulation procedures along with sizing and capacity planning based on high availability. WAF configuration, learning, analyzing and blocking attacks like log4j, SQL injection, cross site scripting, password attacks etc.

3.Project Name : AISECOPS

- I have been part of the AISecOps (On-Premises) project for nearly 10 months, supporting a hybrid cloud environment with comprehensive server requirements. This includes VM builds, system support for both Windows and Linux, and a range of automation needs. These automation tasks encompass self-service portals, malicious IP blocking, certificate renewal, backup automation, security, authentication, as well as internet services such as proxy and load balancing, and various cloud-related requirements. Additionally, I developed, deployed, and managed AI-driven security solutions to detect, respond to, and mitigate cyber threats.

4.Project Name : Dell Automation

- This project was for automating dell switches for patch update changes of configurations adding and backup and upgradation of os image in switches. By creating a UI interface using react and backend python and migration of switches.

EDUCATION

B.Tech: Electronics And Comunication Engineering, 2021
Heritage Institue of Technology - India | Percentage : 60%

Intermediate: 2017
Berhamore J.N.Academy - India | Percentage : 75%

TECHNICAL SKILLS

- Infrastructure Automation
- Scripting (Python (Flask, Django), Java, node js)
- Automation tools and testing framework(eg. selenium, java, node js, cucumber,cypress, testng, junit)
- API testing using rest assured, postman and Jmeter for load, stress testing
- Docker and jenkins
- Cloud Platforms (AWS, GCP - Beginner)
- Network Security (Checkpoint, F5, Cisco, FMC, Switches and Router)
- Machine learning and AI
- Cloud automation in AWS

ADDITIONAL INFORMATION

- **Languages :** English & Hindi.
- **Soft Skills :** Good Communication Skills, Willingness to accept Challenges, Quick Leaner, Flexibility and Adaptability to work in Competitive environment.