

KRATANT JAIN

Sr. Product Engineer @ HARMAN

To pursue a career in a progressive environment where my skills and knowledge can be enhanced to their maximum potential to contribute to the overall success and growth of the organization. Respectful self-motivator gifted at finding reliable solutions for software issues. Experienced in Python, Robot Framework & Jmeter and offering skills in Performance testing and Test Automation Development as well as python development. Fluent in English and accustomed to working with cross-cultural, global teams. Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy.



Work History

**2023-04 -
Current**

Sr. Product Engineer

Harman Connected Services Pvt. Ltd.

- This Project comes under automotive domain where in we have different products like a dongle & HUD's to collect the telematics information from the vehicle and process that telematics data using different microservices and forwarding the required information to end-user along with functionalities such as vehicle telematics data, trips, live location, vehicle health, remote operation on vehicle, notification/alerts, etc
- Being a part of customer delivery team having major customers across the globe, I am handling the performance testing and working towards automation as part continuous improvement & integration.
- Coordinated and monitored work of co-located and remote teams.
- Developed and deployed test load scripts with Jmeter.
- Designed and implemented scalable applications for data extraction and analysis.
- Designed and developed forward-thinking systems that meet user needs and improve productivity.
- Corrected, modified and upgraded software to improve performance.
- Developed conversion and system



Contact

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Websites, Portfolios, Profiles

- <https://kratantjain.github.io/cv/>

Skills

OS: Windows & Linux	●●●●○
Python	●●●●○
Bash & Powershell	●●●●○
Robot Framework	●●●●○
Flask	●●○○○
Jenkins	●●●●○
AWS	●●●○○
Performance testing	●●●●●
Jmeter	●●●●●
HiveMQ	●●●○○
Kafka	●●●○○
Mongo	●●●○○
Postgres	●●●○○
Pandas	●●●●○
Selenium	●●●●○
Grafana	●●●●○
Graylog	●●●●○
Requirements Analysis	●●●●○
Test Case-Plan, Desing, Develop & Execution	●●●○○

2021-04 -
2023-03

implementation plans.

- Created successful test scripts to manage automated feature testing,
- Created detailed test cases for use on diverse projects.
- Reviewed all test cases and test scripts for quality and identified additional areas to review.
- Discussed requirements and processes with project managers and developers.
- Worked closely with different departments to develop innovative solutions to functionality issues.
- Optimized test cases to maximize success of manual software testing.
- Determined server operating limits with weekly load tests.
- Directed teams completing regression tests to support successful product development stages.
- Participated in available trainings to improve software knowledge.
- Trained developers and quality assurance team members in automation programs and processes.
- Collaborated with product owners to stay current on intended functionality.

Product Engineer

Harman Connected Services Pvt. Ltd.

- Tested completed projects for functionality and implemented changes to production methods to rectify issues in final products.
- Drove continuous improvement culture in engineering to provide clear product design standards, improve manufacturability through enhanced documentation and reduce engineering cycle time.
- Documented and updated build, quality and performance records.
- Led continuous improvements in engineering, resulting in clearer product design standards, better manufacturability and reduced

Process ●●●○○

Automation

Troubleshooting ●●●●○

Languages

English

Hindi

2020-08 -
2021-04

engineering cycle time.

- Reviewed scalability, performance and load balancing of each application.
- Gathered and defined business and functional requirements for each program.
- Used monitoring tools like Jmeter on frequent basis.
- Conducted load, stress and endurance tests using Jmeter to simulate realistic user activities.
- Developed and maintained defect databases for known issues.
- Kept scripts and test cases updated with current requirements.
- Operated under Agile and Scrum frameworks to complete releases and well-organized sprints.

Programmer Analyst

Cognizant Technology Solutions

- Developing automation scripts using python and SQL for test code execution on different OS.
- After R&D on Tesseract OCR and OpenCV python library achieved a success on Citrix based image automation using OCR and OpenCV which was a critical issue earlier.
- Developed a python script to authenticate user using MFA & integrated it with product.
- As a part of continuous improvement, working towards automating the manual tasks to achieve efficiency. Post R&D, checking feasibility and requirement of integrations for various clients and then introducing related features in product.
- Collaborating across with development and Business teams for identification and resolution of bugs or technical issues, occurred in the deployed feature.

**2019-07 -
2020-07**

Programmer Analyst Trainee

Cognizant Technology Solutions

- Cognizant Automation Center is Cognizant internal project for automating process & Askiva as a chatbot to provide efficient L1 support. Worked as a developer to develop the use cases as per requirement for the customer delivery, which involves automation and chatbot development.
- Developing use cases using NLU for intent and entity extraction and RASA core for determining next action in Askiva chatbot to answer user query and provide them one click fix.
- Incorporated solution of one click fix by which user can trigger script execution for problem they are facing from Askiva to SCCM server.
- Developed python Automation which is used to download user detail from ServiceNow to Cognizant Automation Center. Which runs in a periodic manner and check whether all user details are updated in Cognizant Automation Center. This was critical issue earlier user was onboarded manually in Cognizant Automation Center.
- Developed solution using python by which Askiva can fetch Blogs from ServiceNow Blogs where Askiva is not trained for user query.
- Worked on docker to deploy all the images related to Askiva & Cognizant Automation Center

**2018-06 -
2018-07**

Intern

Happiest Minds Technologies Pvt. Ltd.

- Developed an automated system using

python which runs vulnerability check of SQL Injection, XSS injection on the provided URLs

- Automated the manual process of determining the different types of machine on the network and what vulnerability they can have, using Nmap and python.



Education

B.Tech: Computer Science And Engineering

*Jaypee University Of Engineering & Technology -
Guna, Madhya Pradesh*

- **Capstone Project**
- **Post Office Agent records Management** ,
Developed an application using python to maintain the record of the user in SQL database which is helpful for the Post Office agents to track the balances of there customers using a simple UI build with Tkinter module of python -
- **ARP Spoofer** – This is a standalone application developed in python to collect data about the devices connected to network, and then utilizing that data to create ARP packet and send the packet to a victim to spoof the user causing the attack.
- **SQL Injection Vulnerability Scanner** - This is a python application which will detect the SQL injection on a particular website using a list of payloads. If the URL is vulnerable to SQL injection the script will detect and report it.
- **Intern** in cloud & Cybersecurity , Happiest Minds Technologies Pvt. Ltd. - June-2018 – July 2018 Developed an automated system using python which runs vulnerability check of SQL Injection, XSS injection on the provided URLs. Automated the manual process of determining the different types of machine on the network and what vulnerability they can have, using Nmap and python.



Organizational Achievements

- Awarded with the title PASSION for contribution in the CognizantWellington Journey towards excellence for the work done to make Wellington project go live.
- Received the customer & delivery manager appreciation for developing the automation solution which was the critical issue for the project to go live.



Personal Information

- Father's Name: Mr. Neelesh Kumar Jain
- Date of Birth: 11/29/1997
- Gender: Male
- Nationality: Indian



Interest Hobbies

Watching movies, Learning about new tech



Training

- Python and Flask Bootcamp: Create Websites using Flask! - Udemy
- Advanced Python from Pluralsight.
- Jenkins- DevOps Jenkins Master from Udemy.
- CCNA training from Jaypee University, Guna.
- CEHv9 Training from Hacker School, Bengaluru.
- Robot Framework Level 2 from Udemy.



Certifications

2024-01	Python and Flask Bootcamp: Create Websites using Flask! - Udemy
2023-09	Security White Belt - Security Journey
2023-09	Security Yellow Belt - Security Journey