Kapil Negi

Automation Architect

Contact: 9910013348

Email: kapilnegi@hotmail.com

Experience Summary

- **9+ Years experience in Software Development in Test in an overall industry experience of 12 years.**
- Have experience Automating Enterprise level systems using Python, Groovy, JavaScript/TypeScript along with DevOps implementations.
- Proficient in Automating UI, API, CLIs and Databases using various industry standard languages and frameworks using Python, JavaScript and Groovy
- Well versed in Robot Framework, playwright
- Proficient in designing automated CI/CD Pipelines using Gitlab
- Extensive experience in Cloud Native Architecture using Kubernetes, Docker
- Experience in Planning and implementing Project Transition Roadmap on an inter-organizational Level
- Experience working in an R&D domain
- Experience in Installation, configuration and maintenance of Linux systems, VMware (ESXi, vCenter), IBM Blade Center administration
- Strong Analytical and Problem-Solving Skills which helps in maintaining high adaptability in a changing technical landscape
- Experience in Leading and managing Enterprise Projects

Skillset

Platform	VM/Linux, Docker, Kubernetes
Languages	Python, SQL, Groovy, Shell Scripting, JavaScript, Java
Frameworks and Tools	Robot Framework, SOAP UI, Playwright, JMeter, TestNG
Version Control and Continuous Integration	GIT and GITLAB CI

Education

2006-10	**Maharaja Agrasen Institute of Technology**
	Guru Gobind Singh Indraprastha University, Delhi
	B.TECH in Electronics and Communication Engineering
2005-06	**Mayur Public School, Delhi**
	Class – XII
2003-04	**Air Force School, Gurgaon**
	Class – X

Summary of Work Experience

- **Ericsson India** – Jan 2022 to Present as Automation Architect

- **TELUS International, India** - Oct 2017 to Dec 2021 as Module Lead

- **Comverse(Acquired by Amdocs), India**– Sep 2013 to Nov 2016 as Software Development Test Specialist in R&D Division

- **Amdocs, India** – Aug 2010 to Sept 2013 as Senior Subject Matter Expert

Selected Projects

TMO Phase-2 Test Automation

Project overview	T-Mobile is the 3rd Largest US Telecom Operator. The project involved migrating various existing VM based T-Mobile application to a Cloud Native Architecture. As Part of the Migration, Ericsson applications like EC, EM, CAF, CSA, CTA, NPE were automated from scratch using Python based Robot Framework. The scope of automation involved Functional, Non-Functional and Performance Test for all these applications along with development of CICD Pipelines. Role involved transitioning Manual QA projects to Robot Framework based Automation as well as designing Gitlab based CICD Pipelines
Duration	Jan 2022 to Present
Role	Automation Architect
Responsibilities	- Developed Automation Framework from scratch for multiple Ericsson applications like NPE, CSA - Developed GUI based automation framework using selenium using JavaScript

	● Developed CLI based Automation solution for Kubernetes Platform ● Developed a reusable, flexible Data Driven Framework for API Testing without the need for a coding language ● Developed Automated GitLab CICD Pipelines for Performance Test for multiple Ericsson Application ● Developed Performance Test Metrics solution using Pandas Libraries ● Developed various scripts in Python, Shell to automate internal processes ● GIT Project Code Approver - Responsible for maintaining Ericsson's standards for code, security scans and vulnerability assessments. Responsible for auditing and maintaining coding best practices for the team ● Mentored new team members in understanding and developing Test cases based on the developed Frameworks

TELUS Wireless Application Transition

Project overview	In 2018, TELUS Canada acquired Xavient Information System, India. As part of the acquisition, all the QA activities of existing applications were transitioned to Xavient from exiting QA Vendors. These applications are part of both Wireless and Wireline Functional Area. The existing Wireless applications stack of more than 150, covers a vast range of domain and areas. It involves e-commerce, Rest API, Mobile Automation, Telecom Billing, Telecom Mediation, Lab Testing, IVR, ETL etc. Role Involved performing Due Diligence Exercise for each wireless application with TELUS D&S Team in order to create a planning roadmap for the complete transition.
Duration	March 2019 to Dec 2021
Role	Module Lead
Responsibilities	● Conducting Due Diligence Sessions with each application TELUS Architecture to get a basic understanding of each application ● Analysis of the data gathered in each meeting to get various QA parameters ● Preparing data for TELUS Management for Transitioning of each application for existing QA vendor ● Analyzing and understanding the current TELUS landscape of Wireless Business, interdependencies of various applications ● Creating a mitigation plan for Transition Risk

	● POC on all the Testing Frameworks involving Java, Python, JavaScript and Groovy based SOAP UI

Data management & monetization policy studio

Project overview	DMM enables you to control, manage, and monitor subscriber traffic, as well as provide subscribers with value-added services, such as content adaptation. It is an end to end solution that has capabilities to control, manage all kinds of traffic.
	DMM major components include PCRF (policy control and charging rule function), PCEF (Policy and Charging Enforcement Function), SPR (Subscription profile repository), and AF (Application Function), Reporter. DMM supports 2G, 3G and 4G LTE data traffic.
	Role involved doing R&D activities along with testing the core product
Role	Software Test Specialist (R&D)
Responsibilities	● R&D Testing of complete End to End solutions including Planning and Designing new CRs, defect testing etc ● Worked on Page Object Model framework for automated regression testing of PCRF Customer Management Portal ● Worked on Diameter Protocols- Rx, Gx, Gy ● ETL (inhouse) testing involving IBM DB2, Cognos and MIH Reporter (product) ● Managing the R&D Environments (Lab) on various VMs and Blade Centers. ● Design and build Labs for R&D, QA teams and support teams, including handling hardware and network architecture. ● Integrate all R&D deliveries into a working ultra-complex E2E systems ● Basic troubleshooting of Cisco switches, IBM Blade Centers, Network Topology ● Basic troubleshooting of routing protocols (OSPF) ● Supporting R&D team, L2, L3 and multiple clients during the installation process and ongoing work ● Resolving (Improvising) Product issues arising due to Resource shortage after Company acquisition. ● Focal for Testing, ETL and Platform integration after the acquisition. ● Writing Python scripts to automate various repetitive tasks

AT&T Mobility

Project overview	AT&T is a giant USA Telecom Operator providing Voice, VOIP, DTV, Wireless Internet, and Wired Internet Services to major part of the USA. It is one of the most trusted brands and has a huge Customer Base. Mobility is part of AT&T that deals with Mobile Communication. Amdocs provides Billing and CRM solution to AT&T Mobilty.
Duration	2011 to 2013
Role	Senior Subject Matter Expert
Responsibilities	- Leading four member UAT team with successful delivery of Bills to the Client in each release - Performing Amdocs Billing Regression User Acceptance Testing for AT&T. - Lead and handled daily UAT defect analysis and status call. Handled questions related to deliverables. - Task allocation to team and resolving issues encountered. - Focal for Charging, Rating and Billing part of the project. - Execution of Automation Calendars as part of Sanity testing. - Preparation and Review of Test Plan and Test Cases - Performing Functional testing and Regression testing - Test Data Setup - Direct Client Interaction - Involved in the defect tracking using the tool Quality Centre - Involved in preparation of the Test summary report and daily status report