

Tanu Mehrotra

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SUMMARY

Software Engineer with more than 10 years of experience in Quality Assurance (QA), Scaled Agile Framework (SAFe) and Automation Architecture. Expert-level understanding of Software Development Life Cycle (SDLC) phases and extensive hands-on experience in White/Black Box Testing and System Engineering. Led a team of 10 QA engineers and performed efficient cross-platform collaboration with other teams to deliver a high-quality software application.

CORE COMPETENCIES

- **Leadership:** Project Management, Team Building, Customer-oriented Approach and Interpersonal Skills.
- **Technical:** Analytical and Troubleshooting Skills, Ensuring Quality Standards and Handling Complex Problems.

EDUCATION

HARCOURT BUTLER TECHNOLOGICAL UNIVERSITY, Kanpur (U.P.), India

2008

Bachelor of Technology (B.Tech.) in the Department of Paint Technology

Technical Skills

Technologies: Python Scripting, SQL, Unix, Java Web Services Testing, Rest APIs Testing, Micro services Testing, DMaap, Kafka, Basic Shell Scripting, ETL Testing, Jenkins build in CI/CD pipeline, JSON, XML

Automation Tools: IBM Rational Functional Tester, ITKO LISA tool for automation of web services testing, Rest Assured, TestNg, Junit, PACT, Jmeter for Performance Testing, Postman.

Configuration Tool: Rational Clear Quest, Mercury Quality Center, Run rate, Prism, TDP

Database: Oracle 9i, PL/SQL, MongoDB

Reporting Tools: HP Quality Center, IBM Clear Quest, Run rate, Oracle SQL Developer, SQL *PLUS, SQLdbx, Web Intelligence Java, Toad, IBM Info Sphere Data Stage, IBM WebSphere, Prism, ALM

EXPERIENCE

IBM INDIA, Middletown, New Jersey

July 2017 - Present

Project: EDF Next Generation Transformation of Micro services

Quality Assurance Lead, Client: AT&T Labs

- Involved in the testing of the Rest APIs using Rest Assured and TestNg.
- Fostered the culture of Agile process in the team.
- Ensured client requirements are met for all features by providing a regular feedback of client meetings to the team.
- Integrating the code in the CI/CD pipeline by giving the Jenkins Build.
- Testing of the DMaap and Kafka Interfaces by publishing and subscribing the messages to the topic.
- Validating the Contract Test by writing the PACT scripts in Junit and writing the Performance Test suits in Jmeter.
- Published daily scrum status report, highlighted blockers and addressed them to meet iteration goals.
- Pursued regular communication with management as well as outside stakeholders.

IBM INDIA, Middletown, New Jersey

April 2015 – July 2017

Project: Golden Contact Database

Business Analyst, Client: AT&T Labs

- Interacted with cross-application team members to gain knowledge of end-to-end flow of projects.
- Analyzed the business scope minutely which was instrumental in mitigation of issues/risks and gaps in requirements.
- Defined non-functional requirements of the project and showcased achievable performance to the client.
- Articulated key concepts with ideas and provided information in a logical way during reviews with stakeholders.
- Accommodated many late projects by interacting with business users, thus delivering needed features to clients.
- Prepared interface design documents well ahead of schedule and addressed concerns of the project team from business perspective which helped the team to deliver quality features on time.

IBM INDIA, Middletown, New Jersey

April 2013 – April 2015

Project: SXP Application Handling the New Architecture

Quality Assurance Team Lead, Client: AT&T Labs

- Led a team of 10 members, including people from the U.S. and India, to test the “web services” feature of the GAMMA program for telecom customers. The “web services” functionality was the first feature to involve multiple sub-groups from different locations and was delivered within planned budget and time.
- Accomplished automation of entire test scripts as a core member of the team.
- Developed roadmaps, time-tables and status reports; identified and assessed project risks, built and tracked their mitigation/contingency plans and presented it to management.
- Assisted *Test Managers* in identifying gaps in testing processes, implemented IBM test process elements.
- Handled customer escalations and performed various tests to determine root cause of the issues.

IBM INDIA, Bangalore, Karnataka

July 2008 – April 2013

Project: Service Assurance and Ticketing Systems

Quality Assurance Engineer, Client: AT&T Labs

- Worked closely on a business intelligence application and handled business objects reports using SQL queries.
- Exhibited team work and collaboration by maintaining constant communication with team and mentored them on technical skills.
- Resolved 10-15 tickets on daily basis, wrote feature test plans, functional test specifications and automated them leading to an on-time delivery of the project.
- Achieved 50% reduction in the number of issues by conducting thorough testing in the early stages of testing cycle.
- Achieved an effective process-delivery by improving the review process of test cases, and design requirements.

KEY ACHIEVEMENTS

- “*Top Contributor Award*” for an outstanding performance following organizational guidelines for three consecutive years (2014 -2017).
- “*Best of IBM Award*” for:
 - Excellent testing support for Halo, Trinity and Gamma projects (2016).
 - Excellent delivery on complex areas and a key help on code freeze week to help avoid outages.
 - Excellent mentorship, proactiveness, commitment and dedication towards deliverables (2011).
 - Building the team from scratch and leading it towards high-quality deliverables.
- “*IBM Team Award*” from Client for:
 - Outstanding contribution in the release (2012).
 - Delivery Excellence and delivering the Real-Time Provisioning Project (2012).
- “*Client Appreciation Award*” for delivering the complicated telecom projects meeting the user requirements.
- “IBM Blue Points” for closely working with clients and presenting the project architecture to executive directors.

CERTIFICATIONS / TRAINING

• SAFe® 4 Certified Practitioner	2018
• Micro-services Classroom Training	2017
• IBM Design Thinking Practitioner	2016
• Rational Doors Next Generation	2015
• Business Object Web Intelligence XI Report Design	2014
• Cloud Enabled Business Transformation	2014
• IBM AIX Basic Operations V5	2011
• Oracle 9i SQL Certifications	2010
• ISTQB Certified Tester	2009

Extracurricular Activities

- Active volunteer in a non-profit organization called “*Asha for Education*” that works for providing education to underprivileged kids in India.
- Responsible for organizing team events at IBM, such as sports, potluck and other cultural events.
- State-level badminton player during high school and represented the school in multiple tournaments.