# Tapas Banik

Senior Software QA Engineer II (Working as ‘QA Tech Lead’)

Rakuten India Enterprise Private Limited, Rakuten Group.

ISTQB Certified Tester | GCP- Cloud Digital Leader | AZ-900

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**PROFILE OVERVIEW:**



* A results-driven ISTQB-CTFL & GCP-Cloud Digital Leader & AZ- 900 certified, highly skilled in QA and technology leadership
* Bringing more than 7.6 years of experience in IT, specializing in GCP Cloud automation of different native services like Dataproc, Dataflow, BigTable, BigQuery, Redis, Datastore, GCS, Pubsub etc and Kafka automation
* Posseses effective communication and presentation skills
* Expert in Gen AI implementation in STLC and POC development
* Proficient in Web UI and Rest API automation using Selenium Web Driver and Rest Assured Framework
* Currently leveraging expertise in the E-commerce domain, with prior exposure to Aerospace, Banking, Life Insurance, Canadian Credit Unions, and Telecom sectors
* Proven track record of delivering over 10 successful projects for diverse clients, including 2 regression automation projects with Katalon Studio
* Proficient in Core Java, Groovy, and Python language
* Experienced in Microservices, Git, GitHub, JMeter, Gatling, DB Automation (JDBC, SQL), Unix, TestNG, JUnit, BDD, Cucumber, Maven, Jenkins, Unix, Agile practices, and various IDEs
* Proven experience with different Frameworks like Selenium Page Object Model, TestNG-Cucumber Hybrid Framework, Pytest Framework
* Worked with different reporting tools like Extent, Allure, Cucumber, TestNG HTML etc
* Well versed with popular Gen AI tools such as ChatGPT, Gemini, GitHub Copilot, JetBrain’s AI Assistant, Langchain etc

**PROFESSIONAL EXPERIENCE:**



**Rakuten India Enterprise Private Limited, Rakuten Group. | September, 2022 – Till Date**

Senior Software QA Engineer II

Working as QA Tech Lead for various inhouse projects and initiatives from Catalog Department including Test Automation, Framework creation and implementing Gen AI in STLC.

**HCL Technologies Limited | August, 2021 – September, 2022**

Technical Lead

I worked as Test Lead for Boeing’s Data API project at client location, leading test automation efforts using Rest Assured, Cucumber, and JMeter. Collaborated with stakeholders for API development and maintenance.

**PwC Service Delivery Center (Bangalore) Pvt. Ltd | April, 2021 – August 2021**

Associate 2

I was working as Test Associate and mainitaining existing Test Scripts and reporting the results to the client.

**Cognizant Technology Solutions India Private Limited | April, 2019 – April, 2021**

Programmer Analyst

Led UI and API automation for Max Life Insurance, ensuring seamless regression testing and client reporting. Successfully Delivered multiple banking projects for Canadian Credit Unions like Central 1 and Coast Capital Savings.

**IBM India Private Limited (Direct Payroll) | June, 2018 – April, 2019**

Test Specialist

Automated workflows for telecom and asset management clients (AT&T, AEP), focusing on API testing, load testing, and microservice validations.

**IBM India Private Limited** **( C2H - Payroll from Experis IT Private Limited ) | April,2017 – June, 2018**

Software Tester

Automated workflows for telecom and asset management clients (AT&T, AEP), focusing on API testing, load testing, and microservice validations.

**ACADEMIC QUALIFICATIONS:**



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| B. TECH [ECE] (2012-2016) | Narula Institute of Technology, Kolkata (MAKAUT/WBUT, WB) | 77.4 |
| INTERMEDIATE (2010-2012) | Sanskrit Collegiate School, Kolkata (WB State Board) | 76.8 |
| SSC (2009-2010) | M.P.G.S.H.S, Kolkata (WB State Board) | 70.63 |

**KEY SKILLS**



* **Behavioral:** Leadership, Effective Communication, Presentation and Demo
* **Programming Knowledge:** Core Java, Groovy, Python

* **Automation Tools:** Selenium, RestAssured, Katalon Studio, Appium Desktop
* **Automation Framework:** PyTest, TestNG, Junit, Cucumber, Page Object Model, Cognizant Craft Framework, IBM UIAF Framework
* **AI Tools:** GitHub Copilot, Microsoft Copilot, JetBrain’s AI Assistant, ChatGPT (3/3.5/4), Gemini, Rakuten AI Tools etc
* **IDEs & CI/CD and Other Tools:** Eclipse, IntelliJ Idea, PyCharm, VS Code, JDBC, PACT, Maven, GIT, SVN, Code cloud, Git Lab, Git Hub, Jenkins, Kafka based tools like Kadek, Kafka cat(kcat), Offset Explorer etc
* **Cloud Platform:** GCP services and native APIs (Primary Skill), Azure (Basics)
* **Performance Test Framework:** JMeter, Gatling, RPT
* **Functional Tools:** POSTMAN, WST, SOAPUI, PUTTY, Unix, ORACLE SQL Developer 11G. SQL Server, PostgreSQL – PG Admin 4, PostGIS Spatial Functions, Sublime Text
* **Test Management Tools:** HP ALM, JIRA, Zephyr Squad, Confluence, JAMA etc
* **Project Development:** Agile Scrum, SAFE Agile, Waterfall
* **Domain Knowledge:** E-Commerce, Aerospace/Aviation, Life Insurance, BFS - Retail and Business, Telecom

**TECHNICAL PUBLICATIONS:**



* **Automated Load Test Using JMeter and Jenkins**[**https://medium.com/@baniktapas705/automated-load-test-using-jmeter-jenkins-2be00dc80d85**](https://medium.com/@baniktapas705/automated-load-test-using-jmeter-jenkins-2be00dc80d85)
* **Automated QA Process with BDD and JIRA-Zephyr**[**https://medium.com/@baniktapas705/automated-qa-process-with-bdd-and-jira-zephyr-99763b8a3f02**](https://medium.com/@baniktapas705/automated-qa-process-with-bdd-and-jira-zephyr-99763b8a3f02)
* **QATiveBot – A Gen AI Based QA Assistant Chatbot supporting GPT 4 LLM to Automate your Testing Workflow End to End from BDD scenario generation to JIRA-Zephyr and User Story-Test Case Integration**[**https://medium.com/@baniktapas705/qativebot-a-gen-ai-based-qa-assistant-chatbot-supporting-gpt4-llm-to-automate-your-testing-3b6a4dec99d4**](https://medium.com/@baniktapas705/qativebot-a-gen-ai-based-qa-assistant-chatbot-supporting-gpt4-llm-to-automate-your-testing-3b6a4dec99d4)

**PROJECT EXPERIENCE:**



# PROJECT # 1

**Title : CAMD – Info Services & Crawler – Akira and AI Initiatives**

**Work Location :** India – Bangalore (Onsite)

**Organization** : Rakuten India

**Domain :** E-Commerce

**Test Approach :** Backend Automation**,** GCP Cloud native services and API’s and Kafka

**Tools :** IntelliJ, Python, Pytest, Core Java, Rest Assured, Cucumber, TestNG, Extent & Allure Report, GCP, Kafka tools such as Kafka cat, Offset Explorer and Kadek. Other tools like Postman, GitHub, JIRA, Zephyr Squad, Confluence, Jenkins, JMeter, Gen AI tools such as GitHub Copilot, ChatGPT, Lang chain etc

**PROJECT DESCRIPTION:**

CAMD is basically a department which works on various modules related to Product and Item Catalogs. As Rakuten is majorly an E-Commerce company hence CAMD becomes an integral part of it as any Product or Item must belong from a Catalog or Merchant. Info Services and Crawler is one of the major components of CAMD as it deals with attribute extraction from different platforms like Amazon and do pre-post processing and filtering based on merchant needs. These are the heavily backend-based applications comprises of different techs like Google Cloud, Kafka, Rest APIs, Web UIs, Jenkins CI/CD etc.

**COMPANY DESCRIPTION:**

Rakuten Group is a Japanese e-commerce and technology company founded in 1997. It offers a wide range of services, including online shopping, financial services, and digital content. Rakuten is one of the largest e-commerce companies in Japan and has a strong presence in Asia.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

Currently I am working as QA Tech Lead for various in-house projects and initiatives. I am leading the initiatives for Gen AI implementation across STLC and creating new Automation Frameworks across multiple projects. I am mainly working with Backend automation like API automation and mainly GCP (Google Cloud Platform) native services, Kafka and API Automation. I am also leading the performance testing initiatives.

**DURATION OF THE PROJECT:** September, 2022 – Till Date

# PROJECT # 2

**Title : Data API**

**Client** : Boeing

**Client Location**: India

**Work Location :** India – Bangalore (Onsite)

**Organization** : HCL Technologies Limited

**Domain :** Aerospace and Aviation

**Test Approach :** API Functional Automation

**Tools :** IntelliJ, VS Code, Core Java, Rest Assured, Cucumber, TestNG, Extent Report, Azure services, GraphQL, Postman, Git Lab, JIRA, JAMA, ALM, Confluence, PostgreSQL PG Admin 4, JMeter, Gatling etc.

**PROJECT DESCRIPTION:**

Data API is not the actual project name rather it is a newly formed Team name from Boeing India who will be handling different API development and maintenance related activities. As part of this team, we started working on newly started project named “New Data API” which is basically providing different navigation data to the subscribers/customers. Apart from this we are taking responsibilities for the maintenance activities for the other API related projects which are already production facing. “New Data API” project is consisted of multiple API development for navigation data manipulation and transmission.

**CLIENT DESCRIPTION:**

Boeing is the world's largest aerospace company and leading manufacturer of commercial jetliners, defense, space and security systems, and service provider of aftermarket support. As America’s biggest manufacturing exporter, the company supports airlines and U.S. and allied government customers in more than 150 countries. Boeing products and tailored services include commercial and military aircraft, satellites, weapons, electronic and defense systems, launch systems, advanced information and communication systems, and performance-based logistics and training.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

I am working as Test Lead for Data API project. I am working not only as a Test Lead but also an individual contributor for the Test development activities. I am one of the key contributors for the Test Automation Framework creation along with the Team and even vastly contributed to the technical interviews from my Parent organization HCL for filling up the Boeing Testing requirements. I have been constantly working with the different stakeholders like POs, BAs, Project Management, Senior Solution Architects from Customer side along with the development team which solely belongs from Customer side. There are resources from multiple vendors contributing in the Testing side so I must constantly get in touch with them for better collaboration and great learning experience. I use to give sprint demos to the stakeholders and actively participate in PI planning for estimation and task distribution. Apart from leading activities I use to work actively on the test automation development and functional testing individually. Extensively worked on Automated Performance Test POC and Framework creation using JMeter & Gatling tool.

**DURATION OF THE PROJECT:** August, 2021 – September, 2022

# PROJECT # 3

**Title : BRMS (Business Response Management System)**

**Client** : Max Life Insurance

**Client Location**: India

**Work Location :** India – Kolkata

**Organization** : Cognizant Technology Solutions India Pvt. Ltd.

**Domain :** LifeInsurance

**Test Approach :** Regression Automation

**Tools :** Soap UI, Groovy, Katalon Studio.

**PROJECT DESCRIPTION:**

This is a test only project which is solely done by automation. BRMS is an application name and hence the project is also called BRMS as there is no such specific name given to this project. Customer has given all the Rules based APIs to be automated which are basically used in policy related details derivation so that these scripts can be executed at any release and environment depending on the need. This is basically a SOAP automation project where we have used Katalon Studio’s handy framework which is now one of the market trends in automation.

**CLIENT DESCRIPTION:**

Max Life Insurance Company Limited (formerly known as Max New York Life Insurance Company Limited) is a [life insurance](https://en.wikipedia.org/wiki/Life_insurance) company in [India](https://en.wikipedia.org/wiki/India). The company is a subsidiary of the publicly listed [Max Financial Services](https://en.wikipedia.org/w/index.php?title=Max_Financial_Services&action=edit&redlink=1) and is the largest non-bank private-sector life insurer in India.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

It is a pure SOAP based API automation project with Rules validations in excel sheet solely done for regression purpose. We have used Katalon Studio for the same. Groovy is the key technology here. I am working here as the module owner with other two team members and need to report to client directly on everyday basis. Mitigating the technical challenges and issues on daily basis within the project is one of the primary works apart from daily target meet. I use to give demo and walkthrough for the developed scripts weekly to the customer directly.

**DURATION OF THE PROJECT:** December, 2020 – April, 2021

# PROJECT # 4

**Title : INGENIUM**

**Client** : Max Life Insurance

**Client Location**: India

**Work Location :** India – Kolkata

**Organization** : Cognizant Technology Solutions India Pvt. Ltd.

**Domain :** LifeInsurance

**Test Approach :** Regression Automation

**Tools :** Selenium Web Driver, Core Java, Groovy, SQL, DB automation, Katalon Studio.

**PROJECT DESCRIPTION:**

This is a test only project which is solely done by automation. Ingenium is an application name and hence the project is also called Ingenium as there is no such specific name given to this project. Customer has given certain number of test cases to us to automate which is nothing but an E2E flow based on the different functionalities so that these scripts can be executed at any release and environment depending on the need. This is basically a Web UI automation project where we have used Katalon Studio’s handy framework which is now one of the market trend in automation.

**CLIENT DESCRIPTION:**

Max Life Insurance Company Limited (formerly known as Max New York Life Insurance Company Limited) is a [life insurance](https://en.wikipedia.org/wiki/Life_insurance) company in [India](https://en.wikipedia.org/wiki/India). The company is a subsidiary of the publicly listed [Max Financial Services](https://en.wikipedia.org/w/index.php?title=Max_Financial_Services&action=edit&redlink=1) and is the largest non-bank private-sector life insurer in India.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

It is a pure Web UI automation project with DB validation solely done for regression purpose. We have used Katalon Studio for the same. Selenium WebDriver and Groovy is the key technology here apart from JDBC. I am working here as the module owner with other two team members and need to report to client directly on everyday basis. Mitigating the technical challenges and issues on daily basis within the project is one of the primary works apart from daily target meet of 3 test scripts. I use to give demo and walkthrough for the developed scripts weekly to the customer directly.

**DURATION OF THE PROJECT:** July, 2020 – December, 2020

# PROJECT # 5

**Title : Decision Engine Capacity Monitoring**

**Client** : Central 1 Credit Union

**Client Location** : Canada

**Work Location :** India – Kolkata

**Organization** : Cognizant Technology Solutions India Pvt. Ltd.

**Domain :** BFS

**Test Approach :** Agile Scrum.

**Tools :** Unix, Putty, SQL Server, ALM, JIRA, POSTMAN, Swagger Tool, Katalon Studio, WinSCP.

**PROJECT DESCRIPTION:**

Decision Engine Capacity Monitoring (DECM) is an integral part of Central 1 Credit Union. This system is used to validate the spending capacity of its member credit unions. DECM is enabling validation and tracking the member credit unions financial position for each transaction. DECM will decide which transactions are to be stopped and which are supposed to be processed based on the Decision logic implemented in the system. Different kind of Payment Systems like BILLS, E-Transfer, Automated Fund Transfers, Wires Transfers (MTS), Treasury (Murex) will have separate logic for transaction processing and settlement validation. DECM will hold those transactions and keep validating those transactions before sending for settlement processing and let the members know about their account state via real time alerting and ticket creation in Service Now.

**CLIENT DESCRIPTION:**

Central 1 Credit Union is a [credit union central](https://wiki2.org/en/Credit_union_league) (trade association and service provider) for [credit unions](https://wiki2.org/en/Credit_union) in Ontario and British Columbia, as well as a service provider to other financial institutions across Canada. Based in [Vancouver](https://wiki2.org/en/Vancouver), [British Columbia](https://wiki2.org/en/British_Columbia), it was formed in 2008 by the merger of the Credit Union Central of British Columbia and the Credit Union Central of Ontario.

The Company offers services including, commercial lending, payments, advisory etc.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

It is a pure backend validation project as I need to validate the transactions are processing correctly or not based on the said logic. SQL Server DB is being used for Table validations and data creations based on the cases. Validating the logs of the transaction processing in PUTTY server and initiating the REST based transactions through POSTMAN/SWAGGER and BATCH files through WinSCP and PUTTY. Automating in spring standalone-based test cases in katalon Studio and preparing data creation scripts for different Payments system like BILLS, E-Transfer, Automated Fund Transfers, Wires Transfers (MTS), Treasury (Murex) was one of the major task we have to do. My primary responsibilities are Test Planning, participating in the requirement review, writing Test cases based on the agreed requirement and execute them. As we followed agile method for the product increment so we use to have daily scrum calls. I use to daily participate actively on defect triage with customer and discuss on the defects raised. Defect Retesting and capturing Test result are integrated part of our testing. I use to prepare and track the DSR from offshore and maintain the onshore-offshore communication.

**DURATION OF THE PROJECT:** January, 2020 – June, 2020

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# PROJECT # 6

**Title : Digital Credit Union**

**Client** : Coast Capital Savings Credit Union

**Client Location**: Canada

**Work Location :** India – Kolkata

**Organization** : Cognizant Technology Solutions India Pvt. Ltd.

**Domain :** BFS

**Test Approach :**Agile Scrum.

**Tools :**Java, Selenium, Appium, Maven, TestNG, GIT, T24, CRAFT Framework, ALM, JIRA

**PROJECT DESCRIPTION:**

Coast Capital Savings (CCS) migrating their digital banking experience from MDI to another platform called Digital Credit Union (DCU) online banking. They have been enhancing their digital banking operation through this project. Previously CCS use to have MDI as their Digital banking platform but through this project they are entirely migrating their digital banking experience and implementing many new things.

**CLIENT DESCRIPTION:**

Coast Capital Savings Federal Credit Union (CCS) is a member-owned financial co-operative headquartered in [Surrey, British Columbia](https://en.wikipedia.org/wiki/Surrey,_British_Columbia). By membership, it is the largest credit union in Canada with 535,000 members and $20.1 billion in assets.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

Involved in Test planning and story estimation. Execute test cases manually and meet the daily target set for the team by customer, identify the test cases for automation and preparation of Test data. Achieving the individual daily count of Automation scripts given by the leads and enhancing the existing framework and creating new Keyword depending on the application needs. Development and maintenance of automation script for mobile android automation and web automation, execute the developed automation script and analyzing automation Test result. Report Issues/defect in ALM. Followed and maintained the coding standard as per CCS coding guideline. Merging code changes to GIT on daily basis and maintained the coding standards. Actively attending daily scrum calls and reporting the daily activities to the onsite SPOC and test leads.

**DURATION OF THE PROJECT:** 9 Months.

# PROJECT # 7

**Title : Maximo (UI Based Regression)**

**Client** : AEP – American Electric Power

**Client Location**: US

**Work Location :** India – Kolkata

**Organization** : IBM India Pvt. Ltd.

**Domain :** Asset Management

**Test Approach :** Agile Scrum.

**Tools**  :Java, Selenium, Maven, TestNG, SVN, SQL Developer, IBM UIAF Framework

**PROJECT DESCRIPTION:**

American Electric Power (AEP) implements their asset management and labor management process through an Enterprise Asset Management tool called Maximo. The purpose of this short-term project is to automate the high priority test cases defined by the customer. This is a purely regression automation project. This project involves development and maintaining the newly developed scripts using IBM UIAF Framework.

**CLIENT DESCRIPTION:**

American Electric Power (AEP) is a major investor-owned [electric utility](https://en.wikipedia.org/wiki/Electric_utility) in the [United States of America](https://en.wikipedia.org/wiki/Energy_in_the_United_States), delivering electricity to more than five million customers in 11 states. AEP ranks among the nation's largest generators of electricity, owning nearly 38,000 megawatts of generating capacity in the U.S. AEP also owns the nation's largest electricity transmission system.

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

AEP wanted few of their major work flow process related test cases to automate through this project. This is a purely regression automation project and I use to automate the scripts given by the customer and meet the weekly count set for the team. My primary work is to develop new scripts based on the given test case and maintain the same throughout the project. Execute those test cases during new builds or code refresh and report the issues/defect to the ALM. Enhancing the IBM UIAF Framework and creating new customized Keywords depending on the application requirement. Attending the client calls actively and clarifying the test step related issues with the onsite SPOC or BA.

**DURATION OF THE PROJECT:** 5 months

# PROJECT # 8

**Title : EnterpriseOrderAmendOrchestrator (Camunda Framework based mS).**

**Client** : AT&T

**Client Location**: US

**Work Location:** India – Bangalore

**Organization** : IBM India Pvt. Ltd.

**Domain :** Telecom – Billing

**Test Approach:** SAFE Agile.

**Tools :**Camunda Framework, POSTMAN, SOAPUI, PUTTY, Oracle SQL, JMeter, TDP-Test Management tool

**PROJECT DESCRIPTION:**

AT&T and IBM collaborated to migrate the AT&T workflow applications into micro services. EnterpriseOrderAmendOrchestrator (EOAO) is just a part of this goal. The sole purpose of this project is to build a micro service in Camunda framework which will migrate the Cancel order related legacy application’s dependency and create an independent module to handle the cancel order related work flow to notify the upstream and downstream applications. As AT&T is a telecom-based organization and work activity involves ordering, sales, billing, installation and maintenance so handling cancel orders is a big challenge and need to handle carefully to continue the smooth business process.

**CLIENT DESCRIPTION:**

AT&T Inc. is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [conglomerate](https://en.wikipedia.org/wiki/Conglomerate_(company)) [holding company](https://en.wikipedia.org/wiki/Holding_company). It is the world's largest telecommunications company, the largest provider of [mobile telephone](https://en.wikipedia.org/wiki/Mobile_telephone) services, and the largest provider of [fixed telephone](https://en.wikipedia.org/wiki/Telephone) services in the United States through [AT&T Communications](https://en.wikipedia.org/wiki/AT%26T_Communications).

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

As this is an existing functionality migrating from legacy application to micro service so the main objectives is to make sure that the newly implemented micro service should match up with the legacy applications functionality. I was actively involved into PI planning and story estimation. My primary role is to create test plan writing the test cases and execute those manually. As this is a micro service project with upstream and downstream dependency so mainly, I have worked on web service testing, database testing. This project involved with only functional testing and load testing. I used JMeter for load testing and Web service testing involves different tools like POSTMAN, SOAPUI, PUTTY, and SQL Developer.

I was the scrum test lead for this project and reported all the daily activities to the scrum master and providing live demo sessions of the critical business scenarios to the client.

**DURATION OF THE PROJECT:** 3 months 15 Days.

# PROJECT # 9

**Title : Transformation Project (Micro Services).**

**Sub Title : EnterpriseOrderMilestoneTracker**

**Client** : AT&T

**Client Location**: US

**Work Location:** India – Bangalore

**Organization** : IBM India Pvt. Ltd.

**Domain :** Telecom – Billing

**Test Approach:** SAFE Agile.

**Tools :**REST API, JAVA, Selenium, JDBC, Maven, Jenkins, GIT, Code Cloud, Cucumber POSTMAN, SOAPUI, PUTTY, UNIX, Oracle SQL, PACT, JMeter, RPT, TDP-Test Management tool.

**PROJECT DESCRIPTION:**

AT&T and IBM collaborated to migrate the AT&T workflow applications into micro services. EnterpriseOrderMilestoneTracker (EOMT) is one of the major and initial steps of this goal. The sole purpose of this project is to build a micro service which will migrate the event completion tracking system of legacy End to End Flow management system application’s functionality into an independent micro service. In telecom domain event completion is very important as every work done by the ground force or automated system needs to be tracked for continuation of smooth business. In this micro service we referred the term event as milestone and each milestone is associated to a specific date and time stamp of every single step of work done by the company towards an order creation/completion/cancellation.

**CLIENT DESCRIPTION:**

AT&T Inc. is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [conglomerate](https://en.wikipedia.org/wiki/Conglomerate_(company)) [holding company](https://en.wikipedia.org/wiki/Holding_company). It is the world's largest telecommunications company, the largest provider of [mobile telephone](https://en.wikipedia.org/wiki/Mobile_telephone) services, and the largest provider of [fixed telephone](https://en.wikipedia.org/wiki/Telephone) services in the United States through [AT&T Communications](https://en.wikipedia.org/wiki/AT%26T_Communications).

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

As this is an existing functionality migrating from legacy application to micro service so the main objectives is to make sure that the newly implemented micro service should match up with the legacy applications functionality. I was actively involved into PI planning and story estimation. My primary role is to create test plan, writing the test cases, execute those manually first and automate those. I have created a new framework for REST API automation using Core JAVA, JDBC and Cucumber. As this mainly involves of web service testing so database testing. Is always an integral part of it I used JMeter for load testing, RPT for GUI performance testing of legacy application. Daily code merging in GIT and following the coding standards of AT&T is always the first step in automation activities. Writing test scenarios in feature file before code handoff from Dev team is one of the best practices I have done in BDD approach.

Scheduling Jenkin jobs and running the build in Pipeline and share the generated HTML report to test managers and customer was one of the main tasks I was involved. Reporting issues/defects and follow up with the developer was my daily activity. I was the scrum test lead for the last 6 months of this project and reported all the daily activities to the scrum master and providing live demo sessions of the critical business scenarios to the client.

**DURATION OF THE PROJECT:** 1 Year 10 Days

# PROJECT # 10

**Title : UNITY (Rest API based)**

**Client** : AT&T

**Client Location**: US

**Work Location:** India – Bangalore

**Organization** : IBM India Pvt. Ltd.

**Domain :** Telecom – Billing

**Test Approach :** Agile Scrum.

**Tools :**REST API, POSTMAN, SOAPUI, PUTTY, UNIX, Oracle SQL, ALM

**PROJECT DESCRIPTION:**

This is a REST API based web service project where AT&T is implementing few changes to the existing functionality of the legacy application. This involves with the task creation and tracking of Task status for the workflow of a new sales order created.

**CLIENT DESCRIPTION:**

AT&T Inc. is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [conglomerate](https://en.wikipedia.org/wiki/Conglomerate_(company)) [holding company](https://en.wikipedia.org/wiki/Holding_company). It is the world's largest telecommunications company, the largest provider of [mobile telephone](https://en.wikipedia.org/wiki/Mobile_telephone) services, and the largest provider of [fixed telephone](https://en.wikipedia.org/wiki/Telephone) services in the United States through [AT&T Communications](https://en.wikipedia.org/wiki/AT%26T_Communications).

**ROLES AND RESPONSIBILITIES IN THE PROJECT:**

As this is an existing functionality with few new changes so my primary responsibilities are creating test plan, writing the test cases and execute those manually. Reporting issues in ALM and follow up with dev team. Attending scrum calls and actively participate in the requirement review calls. I was giving production support on weekends to the E2E team and doing sanity on the legacy application every day. I use to test production defects and re-test after defects got fixed.

**DURATION OF THE PROJECT:** 3 Months

**ACHIEVEMENTS:**



* Rakuten India Excellence Award for Q2 2023
* HCL ERS Business Champion Award for Q1 2022
* IBM Excellence in Automation Award for Q1 2018
* Secured 2nd place in the Graduate Hire Training program in Testing stream from Manipal Academy of Information Technology on April, 2017

**PERSONAL INFORMATION:**



* Gender : Male
* Nationality : Indian
* Languages Known : English, Bengali, Hindi
* Current Location : Malleshpalya, Bangalore - 560075

**DECLARATION:**



I hereby declare that the above mentioned information is true to the best of my knowledge.

**Date**  **Tapas Banik**