

Siddhartha Bhowmick



<https://www.linkedin.com/in/siddhartha-bhowmick-69ab9520>



+91 9004117303



sid.khiderpore@gmail.com

Test Manager | Automation Architect in SDET

Technical Skills : Expert in creating end-2-end UI-Automation frameworks/solutions right from scratch by using niche tools/technologies like OpenText's UFT-One, RPA : UiPath; MS Power-Automate, Python-Selenium, Cypress-JS, Tricentis Tosca,
• Automated various platforms/applications like SAP (*HR-Pay, Billing, BI-BO*), Web-Applications built by Pega8, Java, dotNet, Drupal; Native-Applications like 3D-Exp. - Catia, Delmia; Siemens - Teamcenter, Xpedition; WPF; Flexcube; Mainframes like AS400, zOS-CICS
• Using Jenkins' master-agent noded elastic-axis pipelined Builds, attained CI to remote VDI(s)
• As a part of NFT of web-application, did performance test by Apache jMeter,
• Using Postman, XML/JSON comparators did API validations, as per HTTP status codes,
• Used SQL-queries over Toad, SQL Dev. Plus, MS SQL Server, MySQL Workbench for DB-validations during QA-Manual & BA roles,
• Used Tortoise-SVN, Git (*Bonobo / Gerrit*) for maintaining a traceable commit-tagged parallel version of automation project codes and artefacts, from different domain / region members.
• Orchestrate Tenant, Folder, Machine configurations & license arrangement in UiPath,

Leadership Skills : Assessing client's requirement of automating their AUT/Process-flow as per RFI(s) send. Then finding best matched automation tool/technology within scope of org. restrictions & business legalities. Then creating small POC(s) & present during RFP(s), and ask for budgets and timeline feasibility in RFQ(s).

• Estimate effort reduction and timeline/quality enhancements as a part of ROI to client.
• Used Atlassian-Jira & MS-Azure's TFS for agile practices viz. Sprint-planning/daily-stand-ups/review/retrospections & Backlog-tracings or updating (*sub-ordinated Scrum Master*)
• Interacted with development, infra & DB teams from both On-Shore & Off-Shore for test-data conditioning or syncing required module's integrations before Regression Cycles and thus planning little round of Smoke Tests / Sanity checks after any major development code drop.
• Taking part in scrum impediments removal meets to add enhancements in Automation approaches, thus re-defining test-strategies, alongside recovery-plans if any risk assessed.
• Used Atlassian-Confluence to update the automation framework/solution User Manuals plus handling, analyzing and updating BRD(s)/FRD(s) as per weekly interactions with PO(s).
• Administrated OpenText's ALM Octane for STLC management activities viz. Test-Planning, Execution, Requirements mapping, maintaining Defect-Lifecycle by Co-ordinated daily defect variance calls with Dev. & Business teams for streamlining open / re-open / close / invalid / duplicate defects and marking their severity & priority as per involved stakeholder's and active team's concurrencies (*practices during conventional Waterfall-STLC methodology days*)
• Reviewing automation framework's / solution's design and code as per new inclusion or enhancement in end-to-end user-story scenarios or updates from BRD(s) / FRD(s)
• Interview new talents to build Automation TCEO as per requirements from stakeholders.
• Guided & trained new testers (both automation / functional) to quickly fit into the project.

◀ Skill Metrics ▶

Automation Testing	9 yrs.
Manual / Functional QA	3 yrs.
Data / Business Analyst	1 yr.
Jenkins – CI	4 yrs.
OpenText UFT One (VB Script, API, Mobile Emulator)	8 yrs.
Python – Selenium	4 yrs.
UiPath (Studio / Test Suite)	1 yr.
MS Power Automate	6 months
Cypress Automation	4 months
Tricentis Tosca	1.5 yr.
Performance Test jMeter	7 months
Rest- API (Postman)	1 yr.
Web Appl. Development	5 months

Career Span : Projects handled so far are listed below as per employment tenures out of **12 yrs. 4 months** of **total work experience** in IT Corporate Industry (excluding gaps) :-

- | | | |
|--|---------------|------------------------|
| 29/09/21 – 08/02/24 | ★Test Manager | @HCL Technologies Ltd. |
| 1. Architecting Automation solution for three co-existing platforms where the HCL 's connector web tool syncs any to-&-fro conversion flow between high-end Circuit Designing tools i.e. SIEMENS xPedition (Native) and DASSAULT 's 3D-Experience Delmia (web), using UiPath , Cypress-JS/TS , Red-Hat Linux terminals over MSTS/RDC(s) & MS-Azure TFS for test sprint managements. | | |
| 2. Architecting the enhancement of the same Automation solution created & delivered for same PLM project of Telephone Stock Company of LM ERICSSON, Stockholm , back during my Dassault tenure and help them incorporate new features like RPA by MS Power Automate as their project evolved to Digital-Twin PLM as a part of CAD-Design process twists and turns on native app Delmia. | | |

Git (Lab/ Hub/ Bonobo/ Gerrit)	4 yrs.	13/01/21 – 28/09/21	★Assoc. QA Manager	@Areteans Technology Solutions Pvt. Ltd.
Tortoise SVN	6 yrs.	3. Managing Automation TCOE, by enhancing python-selenium framework for Pega8 built web-app. of Auckland State Bank, NZ , catering different offers and services for Home-Loans & Top-up applications as per Kiwi lending laws. Used Postman for API-validations & MS-Azure TFS		
OpenText ALM Octane	6 yrs.			
Atlassian Jira	6 yrs.			
MS – Azure	3.5 yrs.	4. Managing Automation inclusions into Areteans's TCOE, by creating framework for Pega8 built web-application for UNILEVER PLC. London , where eMail-Listners triggering the RPA-Uipath sequenced flows as per the offers proposed in different FMCG-Retailers' eMails from Belgium-Netherlands-Luxembourg region & auto-replies as per feasible pricing rules in Visualfabriq engine.		
Toad, SQL Dev. Plus, MS SQL Server, MySQL Workbench	2.5 yrs.			
SOA / Integration Testing	4.5 yrs.			
SAP Automation	1.5 yrs.	29/07/19 – 12/01/21	★Sr. QA Consultant	@Dassault Systemes Global Svcs. Pvt. Ltd.
Mainframe Automation	2 yrs.	5. Leading Technical paradigm creation of Automation solution for CAD-PLM program of Telephone Stock Company of LM ERICSSON, Stockholm . Automated their multi-platform PLM business flow from manufacturing parts specification on IBM pComm. mainframe system to registering them on SAP-BO module, then initiate CO(s) on web-app. Enovia, then creating EBOM(s) on Catia & then on transforming them to MBOM(s) on Delmia & then PPR(s), as per the CA/PrCA(s) under CO(s) & then report back PPR status to SAP. Used MicroFocus UFT one, Jira + xRay / xephyr, Jenkins-Cl, Gerrit + Git, SAP-GUI 760, Tortoise SVN & jMeter at per respective needs.		
Acceptance Testing	4 yrs.			
CAD – PLM Automation	3 yrs.	6. Leading Technical solutions for Automation of 3D-Experience's Exalead-Dashboards for different mining information from Broken Hill Proprietary & Billiton PLC, Perth . Used Python-Selenium, Sahi-Pro, MS-Azure TFS, Confluence & Tosca for respective activities.		
Pega Dev. Studio	8 months	7. Leading Technical routes for creating Automation solutions of high-end designing CAD native-apps. like 3D-Experience's Catia & Delmia before getting into automobile factory OEM stage by Jaguar LandRover Ltd. London . Used Python-Selenium, GitLab, Cucumber-Gherkin, Jira accordingly		
Started with Katalon Studio for Mobile				

◀ Personal Details ▶

CisGender :	Male (he/him/his)
Date of Birth :	20 th July 1988
Nationality :	Indian
Passport :	V2786318
Mumbai 17-08-21 16-08-31 ECNR-Self	

Disability : None

Marital Status : Single

Languages Known	R	W	S
English	✓	✓	✓
Hindi	✓	✓	✓
Bengali	✓	✓	✓
Marathi	✓	✓	
Nepali	✓	✓	

Correspondence Address :-

 Casa Greenville-E1, Flat #1005,
Lodha Upper-Thane, Post Anjur-BO,
Surai-Sarang, Narpoli-PS, Bhiwandi,
Thane (W), Maharashtra – 421302

13/01/21 – 28/09/21	★Assoc. QA Manager	@Areteans Technology Solutions Pvt. Ltd.
3. Managing Automation TCOE, by enhancing python-selenium framework for Pega8 built web-app. of Auckland State Bank, NZ , catering different offers and services for Home-Loans & Top-up applications as per Kiwi lending laws. Used Postman for API-validations & MS-Azure TFS		
4. Managing Automation inclusions into Areteans's TCOE, by creating framework for Pega8 built web-application for UNILEVER PLC. London , where eMail-Listners triggering the RPA-Uipath sequenced flows as per the offers proposed in different FMCG-Retailers' eMails from Belgium-Netherlands-Luxembourg region & auto-replies as per feasible pricing rules in Visualfabriq engine.		
29/07/19 – 12/01/21	★Sr. QA Consultant	@Dassault Systemes Global Svcs. Pvt. Ltd.
5. Leading Technical paradigm creation of Automation solution for CAD-PLM program of Telephone Stock Company of LM ERICSSON, Stockholm . Automated their multi-platform PLM business flow from manufacturing parts specification on IBM pComm. mainframe system to registering them on SAP-BO module, then initiate CO(s) on web-app. Enovia, then creating EBOM(s) on Catia & then on transforming them to MBOM(s) on Delmia & then PPR(s), as per the CA/PrCA(s) under CO(s) & then report back PPR status to SAP. Used MicroFocus UFT one, Jira + xRay / xephyr, Jenkins-Cl, Gerrit + Git, SAP-GUI 760, Tortoise SVN & jMeter at per respective needs.		
6. Leading Technical solutions for Automation of 3D-Experience's Exalead-Dashboards for different mining information from Broken Hill Proprietary & Billiton PLC, Perth . Used Python-Selenium, Sahi-Pro, MS-Azure TFS, Confluence & Tosca for respective activities.		
7. Leading Technical routes for creating Automation solutions of high-end designing CAD native-apps. like 3D-Experience's Catia & Delmia before getting into automobile factory OEM stage by Jaguar LandRover Ltd. London . Used Python-Selenium, GitLab, Cucumber-Gherkin, Jira accordingly		
29/09/16 – 18/01/19	★Senior Consultant	@Capgemini Technology Services India Ltd.
8. Leading Automation co-ordination for smooth migrations of data-center followed by SAP applications' upgradation, then their integration and finally regressions for the 'Meter to Online Payment' project of Hydro-ONE Ltd. Toronto , which earlier had applications hosted in Private Cloud in their workflow of Power-Supply & Revenue-Collection to remove manual interventions. Used HP UFT + ALM, Tricentis Tosca, Capgemini's proprietary Café-Next, SAP NetWeaver as per needs		
9. Leading Automation framework creation for regression testing of AS400 – LifeAsia system of METLIFE Health Insurance, Kuala Lumpur covering different stages of insurance workflows like Proposal creation, Client Profiling, Premium payment, Claims, and Underwriting where the end-to-end scenarios need to be tested with different sets of data. Used HP UFT, MySQL Workbench, Capgemini's proprietary Café-Next, Atlassian Jira & Confluence for respective activities.		
10. Automating Test scenarios for in-house trading applications like MRL, DQE, SNLF, CLEM, Adjustments, OPERA, SEF, Flex Aggregation, Rapid Stress Tool of NOMURA India Pvt. Ltd. Powai , which were migrating to a single platform RWB created in WPF objects for Middle Office users to investigate, record, and resolve issues of the Risk Capital Market clients of NOMURA, Tokyo . Used HP UFT, Tosca for automation, Jira for test & defect management, MS SQL Server data analysis.		
03/11/14 – 29/07/16	★Senior Executive	@EXL Service India Pvt. Ltd.
11. Business Analysis in risk & decisions of credit card applications from different channels and FICO score bands, under Apollo of Credit-Risk Management wing of CITIBANK National Association, New York . SAS codes validating them as per monthly/quarterly business rules of Citi Credit-Card offers that were set & maintained in Capstone system, deciding Approve/Decline/Pending with respective PDF-Letters and reason-codes. Used HP ALM, VB-Macro for test - plan, execute & report.		
29/03/11 – 30/10/14	★Systems Engineer	@TATA Consultancy Services Ltd.
12. Automating Test Cases for the web-application 'Compass : Multi-Product Sales Origination' of Canadian Imperial Bank of Commerce, Toronto used by CIBC agents to help customers to opt & apply for different available Credit-Cards along with opening Savings or Transaction A/C, that suits the best to their income-vs-expense & assets-vs-liability margins, using HP QTP + ALM, Toad, MS-Office products and sometimes LoadRunner for generating simultaneous Virtual Users.		
13. Analyzed & Tested the CICS-mainframe CitiLink, web applications CBOL, OCS, CSW for the Real Estate Lending channel of CITIBANK National Association, New York for looking after the different		

stages of origination, verification, evaluation, underwriting, sanctioning, disbarment, servicing and settlement of loans against mortgages as per the Citigroup BAU and the Federal laws of the USA Governmental bodies like FNMA, FHLMC & NMS, using *HP QC, Toad, CICS-mainframe*,

14. Analyzed & Tested the Enterprise Data Management System, which allows to check and maintain the records of all old and new deals of *CISCO Systems Inc. SanJose*, for different organizations as per various sets of business requirements, using *HP Quality Center, Open Office*,

15. Developed a flight booking site for *TEKNOTURF Solutions, Coimbatore* under TCS-ILP, using *J2EE-Struts* concepts and *M-V-C architecture* yielding *HTML(s) / JSP(s)* ran, debugged & unit-tested over *Apache Tomcat Server* hosted through *Eclipse 3.5* and Data-Tables were held through *Putty* as DB, in order to produce end-user experiences like Customer/Agent/Admin depending upon authorization can perform their respective activities of checking flight availability, book or cancel ticket, check booking history, pull filtered flight/route reports etc.

Academics :-

Degree (Specialization)	Year	Institute (Council/University)	Score
B. Tech. (Electronics & Comm. Engg.)	2010	JIS College of Engineering, Kalyani (WBUT)	7.45 GPA
12 th Higher Secondary (Sc. M,P,C, + B)	2006	Lajpat Hindi High School, Kolkata (WBCHSE)	71.6 %
10 th Secondary (Gen. + Econ. & Civ.)	2004	Salkia Sree Mishra Vidyalaya, Howrah (WBBSE)	74.75 %

Trainings & Certifications :-

- PEGA Certification System Architecture, 2021 started Low-Code-App-Building
- Python Programming, 2020 Dassault Systemes's LinkedIn courses,
- Agile Methodology & Practices, 2019 Dassault Systemes,
- LOMA – 2017, Insurance Domain,
- Informatica Power Centre 9, 2017,
- Design Sprints and UX strategy, 2016,
- Lean Six Sigma 2013,
- TCS Business Domain Academy: Foundation Certificate in Banking on 16/07/2012,
- ISTQB Testing Concepts, Process and Methodology, CTFL appeared
- HP Product Expertise (Mercury),
- Core Java (JDK 1.3 / 1.4) GUI & Rich Clients,
- Solution Architecture in
 - Dynamic Scripting Language (JavaScript),
 - Java Web Technologies (JSP/Servlet/JSTL),
 - HTML, Database Technologies (RDBMS),

Achievements :-

- ❖ Have ready automation frameworks in **1. Python-Selenium; 2. UFT one; 3. Cypress** which are hybrid in nature i.e. sufficing both multiple sets of data parameterization can drive the automation test-run alongside the order & combination of test cases & even steps can also be altered, thus AUT's behavioral shift can also incorporated.
- ❖ Above created frameworks are easy to port & remodel as per new AUT/Process-Flow, and the end-user running them needs just Manual/Functional QA knowledge of the AUT and no new or extra tech. language or coding skills.
- ❖ Have ready RPA automation sequence/work flows for **4. Power Automate & 5. UiPath**
- ❖ Above automation frameworks or process-flows solutions are curated in such a way that they can be integrated to any CI/CD modules.
- ❖ Citibank N.A. has awarded best Client Relationship and Service Innovation along with a bonus of ₹1 Lakh during 2015-16 FY.
- ❖ Ericsson (SWE) business delivery had recommended me during Q3'21 while they were switching their PLM-Automation project servicing vendor from Dassault to HCL Tech. and that's how the later employed me in their PLM unit to enhance the automation framework that I'd once created and delivered to Ericsson in 2020 during my DSGS tenure.

Hobbies & Interests :-

Trekking, Travel-Photography,
Abstract/Screen – Writing, Audio-Visual
Literalized Art-Making, Swim, Dance, Cook
& any sport that enhances physical or
mental or both the capabilities, driving
Cars & Machines, Music, World-Cinema,