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| |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | Praneet SrivastavMobile: 07415928896 | **Location :** London Email: [praneetsrivastav@gmail.com](mailto:praneetsrivastav@gmail.com) | |  | |  |

A delivery focused hands on **Agile Champion, TDD/ ATDD/ BDD expert** test professional with over **18** **years** of strong experience in providing test solutions to multi-million-dollar projects.

###### Certified Agile Scrum Practitioner

###### Compuware Certified Test Partner Professional

###### Certified Brain Bench Master Professional as Software QA Analyst

###### ISEB / ISTQB Certified Software Test Professional

***Agile & DevOps***

* Have conducted ***DevOps Maturity Assessment*** and ***Transformation*** for major asset classes of the bank like Equities, Eq-Derivatives, Market Operations, and Fixed Income.
* Managed **Scrum of Scrums** and acted as **Scrum Master** for Projects under DevOps Transformation
* Implemented **TDD/ATDD/BDD** from scratch to many waterfall/Agile projects
* **Conducted workshop and trainings** on Agile & DevOps with Business and IT
* Implemented **CI-CD pipeline** starting with POC till roll out to the teams
* Introduced and defined Definition of Ready (DOR) and Definition of Done (DOD) for projects.

***Test Automation Skills***

* Implemented BDD test tooling using Cucumber JVM (Java), SpecFlow (C#), Serenity, J-behave, Fitnesse, Lettuce
* Implemented CI-CD pipeline using Jenkins, TeamCity, Hudson, Bamboo
* Implemented Tooling Capabilities like Selenium Webdriver, Rest Assured in BDD/TDD frameworks
* Implemented End 2 End Test Automation Strategy with tooling to integrate multiple tools across cross functional teams *[****UFT 🡪 Cucumber BDD (Webdriver + Golden source Soap API + JDBC +Perl]***
* Implemented Tooling that measures the performance of applications like JVM heap, Thread dump, Throughput, Response timing, Soak Load and Multiple Threading for bespoke financial packages like Fidessa, Trade Blotter, Trade Feeds, Inventory Management, Enterprise data management,
* Implemented tooling for loading and validating bulk counterparty data feeds from Cif, OSD and Fenergo.
* Implemented tooling in JAVA to handle Data Stages with multiple data formats like **FIXML, SWIFT, CSV, and XML**
* Data Centric Validations on Financial Reports using bespoke libraries for MIFID-II, PTT-TR, Best execution, CPL, and other fin-regulations
* Expert in automation with languages including **JAVA, C#, VBA, Python, Perl, Java script, HTML**
* Implemented automated tooling with JIRA like JIRA-XRAY (Cucumber), JIRA-Confluence
* Expert in Automated Test Reporting of Test Results to Dashboards like Confluence, Wiki, JIRA, SharePoint

***Banking & Finance Projects***

* Worked with major high street banks/fin-tech firms like BAML-UK, ICBC-Standard Bank-UK, Fidelity, and Prudential.
* Worked in Major Asset Classes like ***Commodities*, *Money Market*, *Equities, Equities Derivatives, Risk-IT, Market Operation, Financial Markets, Fixed Income***

***Project Management***

* Actively ***managed project both offshore and onshore projects***
* *Proposed and implemented* ***companywide Test management tool*** *Jira-XRAY*
* *Actively contributed/chaired the Bank’s QA Forum to streamline company test practices.*
* Collaborative Stakeholder management

***IT – Transformation***

* Successfully transformed Projects from traditional Waterfall approached to Behavioral Driven Development.
* Conducted integrated ***workshop sessions*** with Business and IT
* Coached various stakeholders/Teams to agile transformation.

***People Management***

* ***Managed around 25***Offshore and Onshore team members (US, UK, China, India, and Minsk)
* *Managed* ***multiple vender teams*** *for effective delivery.*
* Actively trained and led team member towards transition from Manual to Automation Testing
* ***Recruited best in the market teams*** to cater needs in projects (Test Automation, CI-CD, Release Management)

# TECHNICAL SKILLS

***Domain Knowledge:*** *Banking, FX, Asset allocation, Fixed Income, Regulatory reporting MiFID, Treasury, Insurance, Annuities, Mutual Funds, Retirement Services, Finance, ERP, CRM, Security, Networking*

***Methodology:*** *RUP, Waterfall, V Model, Agile (Scrum), Kanban, SAFe, DevOps*

***Development Frameworks:*** *BDD, TDD, ATDD*

***Service Models:*** *SaaS, PaaS, IaaS, On-Prem*

***Agile Automated testing Tools:*** *Cucumber-JVM, SpecFlow, Fitnesse, and Lettuce*

***Service/API layer testing tools:*** *Postman, Restsharp, RestEasy, SoapUI Pro, Soap Sonar, Rest Assured*

***Continues Integration/Deployment****: Jenkins/Hudson, Git, Sonar, Maven, TFS (Team Foundation server), and Chef*

***Test Techniques Exposure****: Exploratory testing, Web testing, Database testing, Smoke testing, Regression Testing, Stress/load/Volume testing, Localization testing, Business Process Testing, Web services testing*

***Defect Management Tools****: HP Quality Center (QC), Bugzilla, Rational Clear Quest, Microsoft test manager (MTM)*

***Automated Testing Tools****: UFT (QTP), Selenium webdriver, Appium, Protractor, Loadrunner, and various open source tools*

***Automation Test Approaches****: Keyword Driven, Data Driven, Hybrid, Component Based, and Page Object Model*

***IDE:*** *Eclipse, STS, Visual Studio,**Aptana*

***Configuration Management Tools****: Git, Clearcase, Visual Source Safe, PVCS, CVS, Stash, Team Foundation server*

***Virtualization:*** *Citrix Blade servers, VMs, Delphix, Virtualbox, Vmware, VNC*

***Cloud Platform:*** *Azure, Service fabric, firebase, AWS, Browserstack, Saucelabs,*

***Mobile platform:*** *IOS/Android Automation, Appium, Xamrin*

***Programming Languages****: Java, C#, JavaScript, Perl, Python, VBS, VBA, PowerShell, SQL, Xml, JSON, PHP, JSP*

***Tools:***  *Moq, Mokito, Visio, Jira, WireShark, Fiddler, Toad, SQL Developer, Snoop, MQ-Series App watch, Node.js*

***Databases:*** *Oracle, MS SQL Server, Ms Access, Sybase, DB2, VPDs*

***Operating System:*** *Windows NT/98/ME/2000/XP/SP2/7/10, UNIX/Linux, MAC, Android, IOS*

# PROFESSIONAL SKILLS

**Agile Champion:** *Experienced Scrum master, elaboration/planning sessions, retrospectives, managing iterations*

**Test Management:** *Test planning, Test Strategy, Test automation, Task planning and prioritization*

**Competency Management:***Interviewing, Team Setup, Coaching and Mentoring, Resource Allocation & Utilization.*

**Cost Management:** *open source tools expert, tool license optimization, and resource optimization*

**Process Management:** *Processes analysis, definition and Implementation, Feedback Collection.*

**Risk Management:** *Escalations, Mitigation, and Troubleshooting*

**Project Management**: *Planning, Estimation, Resource planning, Metrics Expert, Risk Assessment, stakeholder management*

**Skill Management**: *Introduction of new tech/tools, Innovations, Training/workshops, Course Design, Team Mentor*

# CAREER HISTORY

* **Program Quality Consultant/Coach in ICBC-Standard bank, UK** Since Oct-2018 –till date
* **Test Automation Architect** in **RDT, UK** since Feb 2016 to sept 2018
* **Software Quality Consultant** In **Bank of America Merrill lynch, London** Since Aug 2014 to Feb 2016
* **Software Automation Lead** in **Fidelity Investments, Ireland** Since May 2011 to Aug 2014
* **Lead** **Test Automation Engineer** in **Pramerica, Ireland (Prudential financial, US),** Since July 2006 to April 2011.
* **Test Automation Lead** in **Datalex, Ireland,** Since January 2006 to July 2006.
* **Test Automation Analyst** in **Pramerica, Ireland (Prudential financial, US),** Since Nov 2004 to Dec 2005.
* **Senior Automation Engineer** in **McAfee (Antivirus Company)**, **India** since Jan 2004 to Nov 2004.
* **Senior Test Engineer** in **Deutsche Bank, India** since Jun 2003 to Dec 2003.
* **Senior Consultant (Testing)** in **Intel, Bangalore** since Mar 2003 to Jun 2003.
* **Programmer** / **QA Engineer** in **FCS** Software Solutions Ltd. Since Jan 2000 to Mar 2003.
* **Programmer** at **Aptech** from Jan 1999 to Jan 2000.

**PROJECT HIGHLIGHTS**

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| **Organization**: ICBC Standard Bank | **Project**: Enterprise Data management (EDM) |
| **Role**: Program Quality Consultant/Coach | **Period**: Oct 2018- Sept 2019 |

EDM is a CTB programme to establish fundamental data management practices primarily supported by Golden Source (vendor product) that is an integrated suite of EDM software packages comprising of various financial products, Position management, trade lifecycle Transactions, Counterparties data, Instrument data and Market data. Additionally it offers a regulatory reporting frameworks such Commodity Position Limit monitoring and MIFID II Reports. Its receives trade, RFQ and Order data from systems like Murex, QP/Brady, Fidessa, TOMs, RET into EDM and generates MiFID II reports for post trade transparency (RTS 2), Transaction Reporting (RTS22), Best Execution (RTS 27, RTS 28), that is submitted to TRAX (ARM) which intern submits to FCA. I worked as automation architect and over all programme test manager.

* Introduced Agile practices from Sprint setup to feature delivery.
* Setup/managed Agile-testing practice for the program to support 4 streams.
* Implemented Dev-ops processes to reduce release cadence.
* Design, developed test automation framework (EDMAF) from scratch in Java
* Setup automated validation as various stages of the EDM/Reporting journeys
* Introduced, implemented and coached teams to use BDD as delivery model.
* Built efficient API testing practices using cucumber JVM
* Setup maven repo from scratch using Nexus.
* Setup CI using TeamCity for quick feedback cycles.
* Introduced Test management tool Jira-XRAY to the programme and to the Bank.

**Environment:** Java, Oracle, GoldenSource, Toad, Jenkins, Gherkin, Cucumber-JVM, Selenium, TeamCity, Unix, and SVN

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| **Organization**: RDT, UK | **Project**: Trice |
| **Role**: Test Automation Architect | **Period**: Feb 2016- Sept 2018 |

Trice is multi-platform mobile app that facilitates short term insurance. It consists of profile management, Quote management, and Policy and Claims administration. It caters for motor, gadget, household and pet insurance. I am involved with the team as test lead.

* Owned QA process within the app testing group.
* Participated in daily agile ceremonies.
* Created device /OS coverage metrics for the app
* **Created Page Object model based Appium automation framework**
* Designed the framework to be flexible to use **same script for IOS and Android** devices
* Automated 120 P1 validation flows
* Implemented Spec Flow BDD framework on the top of POM.
* Wrote features files and step implementations for the stories
* Created custom report implementation using Allure framework.
* Automated trice management Portal using selenium webdriver
* Coached dev/QA team to use the framework.
* Created continuous integration for the app using team foundation server.
* Optimized the CI setup to do faster test execution and fail fast approach
* Did Cloud hosted test lab provider analysis including Firebase, Sauce Lab,
* Setup remote lab test execution with amazon device farm and pCloudy.

**Environment:** C#, MS SQL, MTM, TFS, Nuget, Gherkin, Appium, Xamrin ,

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| **Organization**: RDT, UK | **Project**: Landscape |
| **Role**: Test Automation Architect | **Period**: Feb 2016- Sept 2018 |

Landscape handles relationships with millions of insurance customers and is used by 19 businesses including Marker study Group, Direct Line Group. It consists of various modules such as [Policy administration](http://rdt.co.uk/landscape/#collapseOne), Rating engine, Claims Management, Graphical workflow, Accounts, Channel management. Landscape also has independent set of API, offered as service, which includes Claims API, Rates API. We are currently working landscape cloud offering and GDPR compliance. I am responsible for overall QA/automation function of this program.

* Review existing QA processes and changed it to be agile for efficiency
* Reviewed existing automation (Axe + CodedUI) to reduce total execution times from 7 hours to 2 Hours
* Introduced BDD (Behavior Driven Development) concept to the teams.
* Created continuous integration and delivery setup for the applications using TFS/Chef/Jenkins.
* Created POM(page object model) based SpecFlow automation framework
* Trained teams to write acceptance criteria writing in Gherkin.
* Created Integration test and end to end test strategy
* Facilitated upstream/ downstream environment setup in UAT and Lab
* Acted as gatekeeper for QA and UAT environments
* Managed monthly release QA Cycles

**Environment:** C#, MS SQL, TFS, Jenkins, MS test, Gherkin, SpecFlow, SoapUI, Selenium, MTM, TestNG

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| **Organization**: Bank of America (BAML) | **Project**: **Broker/Dealer Platform (Traffic)** |
| **Role**: Automation Test manager | **Period**: Aug 2014- Feb 2016 |

In Bank’s Capital Investment & Treasury Division**,** Traffic (Treasury Real-time Account Forecasting & Funding Integrating Cash-positions) provides liquidity planning and funding efficiency by consolidating cash flow across Bank of America. Subsidiaries can borrow/repay funds from/to parent legal entities to achieve better funding rates than they could individually achieve on the street. This team was in early stages of agile adoption. I managed this project as Lead, listed below are area where I contributed to the project.

* Built and managed vendor facilitated QA Team.
* Created POM(page object model) based SpecFlow automation framework
* Acted as scrum master and coached dev/QA team about backlog creation and grooming, sprint setup
* Story Acceptance criteria writing with Gherkin.
* Increased use of version one (agile Team Collaboration software)
* Introduced BDD Concept to the development team and Implemented using SpecFlow
* Worked with team to get stakeholder buy-in for BDD approach
* Created continuous integration for the application using Jenkins.
* Created and enhanced Legacy QTP automated regression bed which covers 1700+ user flows
* Acted as gatekeeper for QA and UAT environments
* Managed 7+ releases QA Cycles

**Environment:** C#, MS SQL, MTM, TFS, Jenkins, TestNG, Gherkin, SpecFlow, Selenium

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| **Organization**: Bank of America (BAML) | **Project**: **Global Funding Treasury Platform** |
| **Role**: Automation Test manager | **Period**: Aug 2014- Feb 2016 |

QZ Funding is Treasury workstation, which is collection of modules that includes trade capture/blotter (Time deposit/FX/ICLs), Credit limits, Flow Summary, and reports (Funding forecast, Trade Performance, Daily Flash, and Inter Unit Funding). Also worked on global position viewer and universal blotter for money market. This platform is used by 2000 + Bank of America traders across the world. Project is following agile (scrum) development methodology. I was test Lead for this project, ensuring quality at every level of SDLC phases, some of my Contributions to the project are listed below.

* Introduced quality practices from scratch for applications within Global Funding.
* Understood complex business requirements & formulating robust test strategies
* Improving Unit test quality / run frequency and proper code review practices
* Remote QA Team integration within agile feature teams
* Designed and built page object model automation framework
* Coached teams to improve their agile practices which includes backlog creation and grooming,
* Introduced and coached BDD Concept to the development team. Created a BDD automation framework using python and Lettuce.
* Created automated regression bed which covers 4000+ user flows
* Managed 30+ releases QA Cycles including daily regression runs and release regression runs
* **Reduced production defect count from 25+ defects/release to 2 to 3 defects/release**

**Environment:** Java, Python, Sandra, MQ, Jenkins, PyUnit, Selenium, Appwatch, Gherkin, Lettuce, Version one, CVS

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| **Organization**: Fidelity Investments | **Project**: Portfolio Management Platform |
| **Role**: Automation Test manager | **Period**: May 2011- Aug 2014 |

**PM Platform is** a Portfolio management platform, used by the Portfolio Managers within Fidelity back office. Initially work involved replacing an excel spreadsheet based system which was used to model various investment plans. Apart from replacing the spreadsheet, over the year’s platform has provided various quants based “what if” functionalities (Solver) and automated many manual trade analysis processes.

Project has adapted to agile (scrum) development methodology that involves backlog prioritization, release elaboration, planning and story estimation, daily standups, iterations, retrospective. In the later stage of project, we have been implementing Behavior Driven Development (BDD) Model. Below is the list of some of my contribution to the project.

* Created and implemented agile test automation plan.
* Created, implemented and maintained performance test plan
* Running Scrums, Retrospectives , story elaborations and planning sessions
* Coached manual QA team to start creating automation using cucumber framework
* Created **SpecFlow + MS CodedUI** Custom Framework that supports **BDD for WPF Front-end**
* Worked with technical architect and MT team to propose and implement **Cucumber-JVM for Java middle tier**
* Created/maintained/executed performance test scripts using **loadrunner and QTP**.
* Created VB script based mid-tier web services automation using **Soap Sonar**.
* Actively participated in Continues integration using Jenkins, maven, shell scripts.
* Performed peer review of the documents using **GIT**
* Wrote multiple utilities that were used by development/QA team.
* Improved app deployment process to various test environment (SIT,ACT)

**Environment:** Envision (C#), Java, Groovy, Oracle, Jenkins, Maven, Junit, MS test, QTP, Cucumber-JVM, Soap sonar

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| **Organization**: Prudential financial | **Theme**: BPT Automation |
| **Role**: Test Automation Analyst | **Period**: Nov 2004- April 2011 |
| **Projects:** | 1. **Replacement Register** 2. SPOCS 3. COMtrac 4. Protegent 5. vPAS |

**\****QTP Automation Implementations are Web case Status, Pace (Prudential Advance Compensation Engine), PLUS*

*Worked on McAfee Internet Suite (MIS) during my time in McAfee. I was responsible for Responsible for Project Estimation, Work allocation, team formation and test planning and automation. Involved in Product Localization testing in 8 Languages*

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| **Organization**: McAfee, India | **Project**: *McAfee Antivirus* |
| **Role**: Test Automation Engineer | **Period**: Jan 2004- Nov 2004 |

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| **Organization**: Deutsche Bank, UK | **Project**: *Autobahn Foreign Exchange Trading (FX Plus)* |
| **Role**: Test Automation Analyst | **Period**: June 2003- Dec 2003 |

FX+ application is developed for Forex Trading desk of Deutsche Bank. The application includes features like spot, forward, swaps trading, and allows the end user to trade by placing different types of orders (SLTP, OCO, IFDSMP, and LOOP) executed when particular criteria are met. The Order Monitor of the application monitors all types of orders and gives all information pertaining to it. The application is developed using Java and Dhtml controls.

* Involved in Regression Testing of the product using **TestDirector**
* Written manual test cases based on new functionality added.
* Tuning of External interfaces (Reflex GUI, GFXOB).
* Designing Test scripts for **QTP** (**Quick Test Pro**).
* Maintaining the Defects using Defect Tracking System in **Bugzilla**.

**Environment:** Java, JSP, DHTML, Oracle, Test Director, QTP (Quick Test Pro), Apache Web server

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| **Organization**: Intel, India | **Project**: *Channel Revenue and Inventory Management (CHRIS)* |
| **Role**: Senior Test Engineer | **Period**: March 2003- June 2003 |

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| **Organization**: FCS, India | **Project**: *Singer India ERP* |
| **Role**: Test Automation Engineer | **Period**: Jan 2000- March 2003 |

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| **Organization**: ApTech, India | **Project**: *Allahabad Bank Customer Portal* |
| **Role**: Faculty/Programmer | **Period**: Jan 1999- Dec 1999 |

TRAINING ATTENDED

*Attended C# for java Programmers training*

*Attended Agile Scrum Master Training*

**Education:** BS, DCA, PGDCA