

Bibin Chandran

Principal Software Developer in Test

Address 4760 Frontier Dr
Cumming GA 30028

Phone 603-692-8920

E-mail Bibinc99@gmail.com

LinkedIn

<https://www.linkedin.com/in/bibinchandran/>

Innovative Principal Software Developer in Test offering 15 years of expertise in Test Automation and QA. Seasoned professional with background in full software development lifecycle. Quickly learns and masters new technologies while working in both team and self-directed settings.

- **Cloud** - Enterprise experience in a hybrid Cloud environment using solutions, to test for fault tolerance of solutions.
- **Automation Strategy** - Excellent knowledge and experience developing strategy and implementing test automation in collaboration with the cloud migration team and functional area counterparts
- **Automation Framework Development** - Hands on experience developing several types of automation frameworks from scratch and using related tooling, including: Selenium, Appium, Cucumber/Gherkin, Rest Assured or equivalent web-service automation tool, Git, Jenkins or equivalent CI/CD tools, SonarQube or equivalent code quality tool
- **Test Automation Systems** - Experience selecting the optimal test automation technologies for solutions delivered using disparate languages and platforms in collaboration with test and development engineer counterparts. Partnerd with the various software infrastructure teams to optimize the CI/CD pipeline and implement quality gates to support DevOps
- **Delivery Maturity** - Direct involvement in efforts to mature agile and DevOps practices for the organization as it relates to test automation, increased quality and delivery optimization.



Skills

| | | |
|-----------------------------------|--|-----------|
| Test Management | | Excellent |
| Agile | | Excellent |
| Continuous improvement techniques | | Very Good |
| Software automation | | Excellent |
| Cypress Automation | | Very Good |
| Selenium | | Excellent |
| AWS | | Good |

Rest API Testing

Excellent

Postman

Excellent



Work History

2021-09 -
Current

Principal Software Developer in Test

Aetna, A CVS Health Company, Burlington, MA, USA

- Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- Collaborated with developers and product owners to stay current on product features and intended functionality.
- Defined test strategy for product documentation and diagnostic frameworks.
- Debugged code and located root causes of problems by reviewing configuration files and logs.
- Lead technical quality engineering resources.
- Spend 95% of time to build test automation frameworks for UI and API's supporting Kafka, API's and Cloud technologies.
- Experience of BDD and feature driven testing approach for functional and non-functional requirements.
- Experience working with REST services and understanding of microservices architecture.
- Ability to multi-task and effectively prioritize resources and work

2019-04 -
2021-08

Senior Software Development Engineer in Test

Aetna, A CVSHealth Company, Burlington, MA, USA

- Collaborated with developers and product owners to stay current on product features and intended functionality.
- Debugged code and located root causes of problems by reviewing configuration files and logs.
- Spend 95% of time to build test automation frameworks for UI and API's supporting Kafka, API's and Cloud technologies.
- Experience of BDD and feature driven testing approach for functional and non-functional requirements.
- Experience working with REST services and understanding of microservices architecture.
- Ability to multi-task and effectively prioritize resources and work

2015-03 -
2019-04

Automation Engineer IV, Kronos Inc

Chelmsford, Lowell, MA, USA

- Joined Kronos as contractor and was later hired full time.
- Trained developers and quality assurance team members in automation programs

- and processes.
- Automation team focuses on automating various aspects of timekeeping application of Kronos known as Workforce central.
 - Spend 100% of time for development, maintenance and execution of automation scripts for various modules (Scheduling, Timekeeping, Activities, People Editor) for WFC (Workforce Central).
 - Maintained, debugged and optimized automation programs.
 - Selenium Webdriver, TestNG/Maven framework.
 - ALM 12.53 Administration.
 - Manage ALM projects and templates.
 - Review nightly automation runs.
 - Daily interaction with developers regarding issues or defects.
 - API Test automation for testing, test data maintenance.
 - Development/Review of automation scripts.
 - Debugging/Maintenance of UFT/Selenium Tests.
 - Multi browser test automation.
 - Reporting and tracking Defects to closure.
 - Presenting software test automation metrics to stakeholders.
 - Reviewed all test cases and test scripts for quality and identified additional areas to review.

2012-03 -
2015-02

Information Technology Analyst

Tata Consultancy Services - Liberty Mutual, Dover, NH, USA

As a team lead, I am responsible for

- Smoke test team supports 6-8 applications across 13 environments. Time frame to release environment for business testing is very narrow. With help of automation scripts (QTP/Selenium) established process to release environment for business users within 60 minutes.
- Design, Implementation and maintenance of Data driven and Business process testing framework
- Daily interaction with clients regarding issues or defects.
- Developing/Running SoapUI for webServices testing.
- Development/Review of automation scripts (QTP and Selenium)
- Development of business components (Selenium) in Java environment.
- Mobile automation for iPhone and android devices using Perfecto/UFT.
- Reporting and tracking Defects to closure
- Presenting metrics to stakeholders

2010-08 -
2012-03

Information Technology Analyst

Tata Consultancy Services - Applied Materials, Bangalore, Karnataka, India

- Team center is PLM application developed by Siemens.
- Uses this application for developing various electronic chips, which can be later used

for large scale manufacturing.

- TeamCenter provides centralized platform for all people with various roles such as, hardware consultant to work together and design and develop perfect working component before it goes for mass production.
- Spend 100% of time in design and implementation of BPT (Business Process Testing) framework.
- Developing automation scripts as business and scripted components (VB Script).
- Consolidating components in test plan in QC (Quality Center).
- Execution of components in test lab in QC (Quality Center).
- Fixing of issues after run in test lab.
- Review of automation scripts.
- Reporting Defects.

2009-01 -
2010-07

Programmer Analyst

Cognizant - Abbott (Life Sciences), Chennai, Tamil Nadu, India

- Understanding project requirements
- Preparing and updating OQ (Operation Qualification) protocols
- Review of protocols
- Performing Dry Run and execution of OQ (Operation Qualification) protocols
- Reporting Defects
- Updated documentation with project deviations to capture changes.
- Maintained existing applications and designed and delivered new applications.
- Collaborated with product management to design, build and test systems.
- Worked closely with clients to establish specifications and system designs.
- Resolved malfunctions with systems and programs through troubleshooting.
- Spend 100% of time to develop test strategy, test case creation and test execution and reporting activities
- Tested hardware and software within tightly controlled sandbox environment prior to release to production
- Documented entire validation process, noting changes or alterations completed

2007-09 -
2008-12

Programmer Analyst

Cognizant Technology Solutions - Phase Forward, Chennai, Tamil Nadu, India

- Involved in validation of various customizations of clinical trials which are developed by Client Electronic Data Capture Tool I.e. InForm. Performing key role in this project
- Involved in handling Fast Start PreUAT which includes implementation of trial, allocation of rules to team members, testing system configuration, setting up infusion and updating reports to client via source safe control (VSS)
- Involved in handling Fast Start PostUAT which includes examining issues and writing test steps and testing same.
- Performed regression and system-level testing to verify software quality and function prior to release.



Education

- 2022-01 - 2024-04 **Master of Business Administration**
Questrom School of Management – Boston University
- 2004-01 - 2007-01 **Master of Computer Application**
Anna University - India
- 2001-01 - 2004-01 **Bachelor of Computer Application**
Madras University - India



Certifications

- 2020-06 AWS Cloud Practitioner.
- 2019-06 Scaled agile practitioner certification.
- 2015-12 ISTQB certified for Advanced Level Test Manager (CTAL –TM)
- 2009-07 HP Certified Professional in Quick Test Professional 9.2, HP0-M16
- 2009-11 ISTQB certified for foundation level tester
- 2008-08 Sun Certified Java Programmer 1.5(310-055)



Languages

Java



Excellent

JavaScript



Very Good