

BALAJI DINAKARAN

QA Professional

Email: balajidinakaran1@gmail.com | Mobile: +353 899462578

Address: Apartment 79, Block D, South Central, Sandyford Business Park, Dublin 18



Skill Sets:

Programming Language

- ✓ JAVA
- ✓ C#
- ✓ Python
- ✓ Javascript

Automation Tools & Technology

- ✓ Selenium
- ✓ Appium
- ✓ Cypress
- ✓ API
- ✓ Java – TestNG, JUnit, Cucumber
- ✓ C# - MSTest, NUnit, Specflow
- ✓ Python - pytest
- ✓ Javascript - mocha
- ✓ Robot Framework
- ✓ API-Postman, Soap UI
- ✓ Rest Assured, RestSharp, Supertest
- ✓ Maven, Gradle
- ✓ Gherkins
- ✓ FLAUI

Development Tools & Technology

- ✓ .Net C# - asp.net, ado.net, asp.net MVC 5
- ✓ VBA Macros, SSIS package
- ✓ Javascript, JQuery, HTML, CSS
- ✓ MSSql, MySql, Postgre

CI/ CD & Version Controlling Tools

- ✓ GIT, BitBucket, AWS Code commit
- ✓ AWS - EC2
- ✓ Jenkins, Azure Devops, Docker

Test Management Tool

- ✓ Atlassian – JIRA & Confluence
- ✓ TestRail
- ✓ ALM

Domains

- ✓ Manufacturing
- ✓ Banking
- ✓ Pharma Claim and Insurance

OBJECTIVES:

With 8 years of experience, I am looking forward to working in a competitive environment that effectively utilizes my analytical, interpersonal, and organizational skills to conceive and achieve solutions. The solutions which help the organization in not only meeting its targets, but also allowing it to grow, thereby enhancing my own skills as an individual and as a key player in the organization's development.

PROFESSIONAL SUMMARY:

- Extensive experience in Requirements Gathering, Functional and Technical Specifications, Business Analysis, QA, Documentation, Test Plans, Test Strategy, Test Cases, Integration, Regression and Performance testing.
- Experience of working extensively in Agile Testing Environment (Agile /scrum model) and good expertise in attending Scrum calls, Sprint Planning, Reviews and Retrospective meetings.
- Proven ability in designing and creating automation frameworks using Java, C#, Python, Selenium WebDriver, Appium, FLAUI, TestNG, NUnit, MSTest, pytest, Cucumber, Specflow, Maven, Jenkins tools.
- Implemented Keyword, Data Driven framework, Hybrid framework, Robot framework and advanced Framework Behaviour Driven Development (BDD).
- Using Jenkins achieved Continuous Integration and Continuous Deployment, performed Background jobs and analyzed the pass or failed criteria in QA Environment
- Experience in creation and execution of Test Plans, Test Script and Test Cases for Manual and Automated Testing.
- Proven ability to research and solve complex problems unassisted.

Implementations & Achievements:

- Successfully completed 4 months of extensive training in Infosys - Global Education Center.
- Microsoft Certified professional/Microsoft Specialist: **70-483 - Programming in C#.**
- Microsoft Certified professional : **70-461 - Querying Microsoft SQL Server 2012/2014**
- Microsoft certified professional: **70-486 - Developing ASP.NET MVC Web Applications.**
- Completed Infosys Certified Professional on C# Programming and SQL server professional.
- Successfully completed Foundation level certificate from International Software Testing Quality Board - **CTFL-120441**
- Presented automation ideas in top MNCs like *Deloitte, IBM, TIAA, Finexus Inc. Malaysia, Cyient, Scientific Games, Oracle - India & USA, Qapitol QA, VFI-SLK India & USA, National Computer Systems - Singapore, CGI, Ericsson, Citi, Rakuten, Qapitol QA, UnitedLex, LTI - Larsen & Toubro Infotech, DHL IT Services - Malaysia, LTI - Larsen & Toubro Infotech, Mettler-Toledo International, Inc, Fiserv, Trainocate Malaysia, Novac Technology Solutions, Mindtree, HCL Technologies, Eurofins IT Solutions India Pvt. Ltd, EbixCash, Atos Syntel, Trianz, Persistent Systems, HARMAN International, Bank of America, Equiniti India, Analytics Quotient, CLSA, Virtusa, Fiserv, DHL IT Services, Mobily Infotech India Pvt Ltd, CGI, Barclays, IBM, Capgemini, UST Global, Mphasis, Pactera -Singapore, MetLife, ZenSoft, Aurion Pro, Giesecke+Devrient, Celcom Mobile - Malaysia, Brillio, JPMC, Synechron, MicroFocus, MindBody, John Deere, Persistent Systems.*

WORK EXPERIENCE:

- **Perigord Premedia Ltd**
Designation: Software Development Engineer in Test (SDET) (Duration: Jan, 2024 to Present)
- **Exgen Systems**
Designation: Software Development Engineer in Test (SDET) (Duration: Feb, 2020 to Aug, 2023)
- **Clear Code Consulting Services**
Designation: QA Engineer/Test Automation Coach (Duration: Jun, 2018 to Feb, 2020)
- **Infosys Limited**
Designation: Technology Analyst (Duration: Sep, 2014 to Jun, 2018)

Perigord Premedia Ltd – Full Time Employment (Jan, 2024 – Present)

Projects Description:

Name: VerizonConnect

Designation: SDET (Software Development Engineer in Test)

Automation Tools and details:

Appium, API, C#, Python, RobotFramework, Postman, bamboo, bitbucket, octopus, BDD, JIRA, MSSql

Duties and Responsibilities (Manual / Automation Testing):

- Developed test plans and create detailed test cases using TestRail for manual testing, alongside designing and maintaining automated test scripts with Appium, C#, Python, and RobotFramework.
- Executed manual and automated test suites, report results, manage defects, and integrate test automation into CI/CD pipelines using Bamboo and Bitbucket.
- Utilized Postman for API testing and Octopus for deployment automation, ensuring smooth transitions from development to production environments.
- Managed test environments and data, ensuring compatibility with MSSQL databases and maintaining consistency for reliable testing outcomes.
- Shared expertise in manual and automation testing techniques with team members, providing mentorship and training where necessary to ensure continuous skill development and knowledge transfer within the QA team.
- Designed and executed API test cases to verify endpoints, payloads, authentication mechanisms, and error handling, adhering to industry best practices.

- Utilized automation tools such as Postman and Rest Assured to automate API testing processes, enhancing efficiency and test coverage.
- Collaborated closely with development teams to review API specifications, identify test scenarios, and ensure alignment with business requirements.
- Integrated API testing into CI/CD pipelines to facilitate continuous validation of API functionalities and provide rapid feedback on code changes.
- Documented test cases, results, and defects thoroughly, and communicate findings effectively to stakeholders, facilitating informed decision-making.
- Stay updated with emerging trends and technologies in Selenium, Appium and API testing continuously improving testing methodologies and contributing to the overall quality assurance process.

Exgen Systems – Contract Employment (Feb, 2020 – Aug, 2023)

Projects Description:

Name: PDMI

Designation: SDET (Software Development Engineer in Test)

Automation Tools and details:

Selenium, Appium, Cypress, API, C#, Javascript, Python, RobotFramework, Postman, Jenkins, AWS Code Commit, BDD, JIRA, MSSql, MySql.

Duties and Responsibilities (Manual / Automation Testing):

- PDMI is a pharma data management organization which deals with PBM and Claim adjudication as one domain and client self-service softwares as another domain.
- This role involves management of 8 testing resources to automate and certify all the products being developed on RM-COBOL System, micro front end Web application, Dot net Windows Application and ETL Cloud DB applications.
- Interaction with business analysts and development team to understand the flow to prepare the test plan for testing.
- Interacting with Clients and BA to capture the exact expectation and creating user stories, test scenarios and test strategy.
- Prepare the defects and status reports for transparency of work.
- Setup defect call, status call with intended audience.
- Presenting walk-through on critical defects.
- Reporting the defect and project status report to clients.
- Identifying the potential pieces of automation and deciding on the automation technology and framework to be utilized
- Provides the testing approach and automation decision on various projects.
- Generating automation frameworks
- Creating the scripts for automation
- Data manipulations and handling to meet the industrial standards.
- Data validation from EDI formats following the HIPAA standards.
- Dealing with production support, root cause analysis for issues raising out of production environment
- Presenting the daily status reports of the team and assigning tasks to every individual in the team
- Worked closely with developers on SFDC to set up the new customer relationship dashboard.

Clear Code Consulting Services – Contract Employment (Jun, 2018 – Feb, 2020)

Project Description:

Name: Learning And Development Division

Designation: QA Engineer/Test Automation Coach

Automation Tools and details:

Selenium, Appium, Cypress, FlaUI, Java, C#, Python, Javascript, Robot Framework, BDD, Specflow, Cucumber, FLAUI, API, Postman, SoapUI, JIRA, Confluence, Microsoft Certified

Duties and Responsibilities:

- Involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle (SDLC) using Agile methodology.
- Developed test plans, requirements traceability matrix, compiled test summary data.
- Provided test cases, test scenarios, test metrics and estimation for test preparation.
- Worked on Selenium, Appium, FLAUI, AutoIT for various clients to automate the web, windows and mobile application.
- Implemented Keyword, Data Driven framework, Hybrid framework, Robotframework and advanced Framework Behaviour Driven Development (BDD) depends on clients project.
- Designed a Automation Framework using JAVA from scratch for web automation using selenium, windows automation using AutoIT, TestNG, Page Object Model (design pattern), data-driven using excel, properties, JSON, MySQL DB, and also CI/CD pipeline set up with Git.
- Designed a Mobile Automation framework using Appium C# that supports both ios and android automation using MSTest, Page object model, and Data-Driven and Keyword Driven framework that works on real device, virtual device and also cloud device.
- Automated Web Services using Rest Assured using Java and Rest Sharp using C#.
- Worked on BDD framework in multiple languages Java & Javascript Cucumber, C# Specflow.
- Involved in setting up a continuous integration system using Jenkins and working knowledge with cloud based code repository systems like GitHub, bitbucket, AWS Code commit.
- Integrated with Continuous Integration tools like Jenkins.
- Deployed reports from Jenkins to JIRA for business management.
- Worked effectively with various Developers, Agile Team, and Project Management to achieve web automation, mobile automation, high quality, release deadlines and QA processes improvements.
- List of top companies served in a short span of time for building a web/mobile/windows automation regression - TIAA, Finexus Inc., Cyient, Scientific Games, Oracle - India & USA, Qapitol QA, VFI-SLK India & USA, National Computer Systems - Singapore, CGI, Ericsson, Citi, Rakuten, Qapitol QA, UnitedLex, Deloitte India, LTI - Larsen & Toubro Infotech, DHL IT Services - Malaysia, LTI - Larsen & Toubro Infotech, Mettler-Toledo International, Inc, Fiserv, Trainocate Malaysia, Novac Technology Solutions, Mindtree, HCL Technologies, Eurofins IT Solutions India Pvt. Ltd, EbixCash, Atos Syntel, Trianz, Persistent Systems, HARMAN International, Bank of America, Equiniti India, Analytics Quotient, CLSA, Virtusa, Fiserv, DHL IT Services, Mobily Infotech India Pvt Ltd, CGI, Barclays, IBM, Capgemini, UST Global, Mphasis, Deloitte, Pactera - Singapore, MetLife, ZenSoft, Aurion Pro, Giesecke+Devrient, Celcom Mobile - Malaysia, Brillio, JPMC, Finexus - Malaysia, Synechron, MicroFocus, MindBody, John Deere, Persistent Systems.

Infosys Limited, Bangalore – Full-time Employment (Sep, 2014 – Jun, 2018)

Project Description 2: (Dec, 2015 – Jun, 2018)

Name: MFG Dashboard – Strategy, Planning and Operations

Designation: Technology Analyst

Development Tools and Details:

- Mark-up language such as HTML, HTML5, CSS, CSS3
- Web Application - C# , Asp.net, ADO.net, Asp.net MVC, LINQ, VBA macro, SSIS package, SMTP Mail services, JavaScript, JQuery, JavaScript AJAX.
- Database - MS SQL Server applications
- Server - Internet Information Services (IIS)

Automation Tools and details:

- Web Automation - Selenium
- Windows Automation – FLAUI, Appium, AutoIT
- Hybrid framework & BDD Framework – Specflow
- Pipeline - Azure Devops

Duties and Responsibilities(Software Development, Automation & Maintenance):

- Requirement Gathering and Analysis, Development, Testing and Maintenance using waterfall

model.

- Decrypted the 10-year-old application to modify the code which was planned to develop from scratch.
- Supporting existing applications and Customization of dashboard according to the domain requirements
- Developed MFG unit wise CHAT application wherein heavy load traffic is handled. CHAT application is a pre-compiled application developed using C#, Asp.net, Ajax and SQL.
- Developed and Executed unit wise CHAT window wherein heavy load traffic is handled. CHAT window is a pre-compiled application developed using C#, Asp.net, Ajax and SQL.
- Developed a Data Reporting System for the Planning team that was used for tracking an Operational process that enables the Unit Heads to carry out effective utilization of unit parameters. Application enables the users to upload excel reports to display processed data on web applications.
- Creation of databases for various business development using MS-SQL.
- Creation of Table, Store procedure, functions, views, triggers to connect with the web application.
- Developed test cases, test scenarios and generated test metrics.
- Prepare the defects and status reports for transparency of work.
- Reporting the defect and project status report to stakeholders.
- Presenting walk-through on critical defects.
- Automating manual excel data processing using .NET technology.
- Identification of Automation difficulties, Scenario for Automation.
- Created automation scripts for existing and developed projects.
- Responsible for providing reports and progress of automation to the higher management.
- On a regular basis modifying the automation scripts and execution.
- Conducts training sessions for new members in the team.

Project Description 1: (Sep, 2014 – Nov, 2015)

Name: Recall – Data & Record Management

Designation: System Engineer/Senior System Engineer

Development Tools and Details:

- Mark-up language such as HTML, HTML5, CSS, CSS3
- C# , Asp.net, ADO.net, Asp.net MVC, LINQ, VBA macro, SSIS package, SMTP Mail services, JavaScript, JQuery, JavaScript AJAX.
- MS SQL Server applications

Duties and Responsibilities (Software Development & Maintenance):

- As an Application developer, initially involved in collecting requirements from the Application Support team, who faced bugs in the system and then fixed it using a repetitive workaround in production.
- Designing Web application to help the Application Support team to perform the entire workaround without any intervention.
- Domain Expert cum Programmer: Responsible to analyzing all the issues occurring in the production environment. Need to collaborate with L2 teams to recreate the scenario and come with a detailed level approach to fix the issue.
- Responsible for working in a team and automating the repeated work followed by L2 teams on a regular basis.

QUALIFICATIONS:

- Masters in Artificial Intelligence, Dublin, Ireland – Sep 2023 – Ongoing
- B.E From Sri Sairam Engineering College, Chennai - April 2014.

HONORS And AWARDS:

Ace Performer Award – Exgen Systems – 2022

Excellent all-around work on the requirements exchange use cases. With very little knowledge you took up the topic and scaled up quickly to manage

the complexity. The current status of these use cases is a testimony to your skill and effort in managing complex work items. Kudos !!!

-- **Natarajan**

Top Expert Award – Tap Chief – 2018

Balaji had conducted a BDD seminar for one of our clients. He is extremely professional and enthusiastic at his work. We received excellent feedback from the client on the training conducted by Balaji. participants didn't have a single dull moment in the session.

-- **Shivani Parikh**

RNR Award – Infosys Technologies - 2017

Balaji has worked on the requirements exchange development and automation activities for SPO. The POC with key customers was done efficiently to ensure that this is a major focus area. Decrypted CHAT application taking initiatives on his own so that it ensured us not to develop from scratch. Ramped up his know-how in these domain areas very quickly and efficiently. Always volunteering to go the extra mile for the topic. Award for outstanding achievement in developing Business Applications at the DU level.

-- **Aswathy Binesh**

I hereby declare that the above-mentioned particulars are true and correct to the best of my knowledge and belief.

Place : Dublin, Ireland

(Balaji Dinakaran)