**Vijayakumar Muniswamy**

**Professional Summary**

Quality Engineering Leader with over 17 years of experience in test automation, software testing, and QA team management. Expertise in designing automation frameworks for UI, API, and mobile applications, as well as implementing CI/CD pipelines. Proven ability to lead cross-functional teams and implement strategies that reduce testing time by up to 40% while maintaining high standards of quality assurance.

**Professional Experience**

* Developed automation frameworks for UI, API, and mobile applications, specializing in testing using tools **like Selenium, UFT/LeanFT, and Cucumber with Java**.
* Expertise in **BDD/ATDD** methodologies, API testing, and database testing for comprehensive test coverage.
* **Led QA teams**, ensuring high-quality test automation, effective collaboration, and on-time deliverables for client projects.
* Experienced **Test Manager with over 7 years** of expertise in leading end-to-end testing processes, implementing test strategies, and driving continuous improvements in agile and waterfall environments.
* Successfully managed cross-functional teams of up to 25 members across the US, Canada, and India
* **Implemented, and maintained CI/CD pipelines** using Jenkins and GitLab, optimizing deployment cycles.
* **Managed testing activities and status**, bridging communication across development, product owners, DevOps, and platform teams.
* **Owned test deliverables** for client projects, ensuring alignment with timelines and quality standards.
* **Proficient in Agile methodologies**, particularly Scrum and SAFe, with hands-on experience facilitating Agile ceremonies and PI planning.
* **Served as Scrum Master**, for varies projects and Agile adoption across teams.
* Managed all test phases, including **planning, script design, execution, defect tracking, and reporting**, ensuring comprehensive quality assurance.
* Documented and communicated **test results, defects, and quality metrics** to stakeholders, providing actionable insights.
* Proficient in test management tools like **JIRA, Zephyr, AGM, and ALM**, streamlining workflows and maintaining accountability.
* **Represented QA teams in leadership meetings**, ensuring alignment with organizational priorities and goals.

**Key Skills and Expertise**

* **Automation Tools / library** : Selenium, Appium, UFT / LeanFT, REST Assured, Postman, Swagger
* **Languages**: Core Java, HTML, SQL
* **Frameworks**: TestNG, JUnit, Cucumber, BDD
* **Version Control**: Git/GitHub, Azure DevOps, Bitbucket
* **Other Tools**: Jenkins, Maven, JIRA, Eclipse, ALM
* **Operating Systems**: Windows, macOS, Android

**Achievements:**

* In 2024, for the Schwab client, I introduced a new framework and integrated it into the pipeline, reducing testing duration by approximately 40%, which enabled faster feedback for each build.
* Replaced extent report by introducing customized report using only Java, HTML.
* For handling Excel files, Apache POI dependencies were initially used. I replaced these dependencies with a solution implemented solely in Java, reducing the risk associated with third-party libraries and improving performance

**Certifications**

* CSM – Certified Scrum Master from Scrum Alliance.
* ISTQB – Certified Agile Tester  from ASTQB
* ISTQB – Advance level – Technical Test Analyst
* ISTQB - Certified Tester, Foundation Level.
* Talent NEXT certifications: Cucumber - S1 & S2, Selenium S1 &S2, Java Foundation - S1

**Domain Experience and End client:**

* Banking - Charles Schwab, Zions, and JPMorgan Chase
* Logistics – FedEx
* Healthcare – Amgen
* Insurance – State Farm

**Employment and project History**

**Dak Tech Inc., USA**  
*Automation Test Lead (Sep 2024 – Present)*

*Client: MedImpact | Location: Remote*

* Developing advanced automation frameworks using Java, Selenium, and BDD methodologies.
* Leading and mentoring the QA team, ensuring effective resource allocation and collaboration.
* Facilitating stakeholder communication and delivering timely status updates.

**Mphasis Corporation, USA**  
*Project Lead & Automation Test Architect (Jun 2021 – Jul 2024)*

*Client: Charles Schwab | Location: Remote*

* Built automation frameworks for UI, API, and mobile applications.
* Enhanced CI/CD pipelines with Jenkins and GitLab, reducing deployment cycles and providing quick feedback.
* Created feature files using Gherkin for BDD frameworks and automated regression testing.
* Improved test execution efficiency, reducing regression testing time by 40%.
* Led and mentored a team of testers, driving successful project delivery and fostering team growth.

**Atos Syntel, USA**  
*Senior Consultant / Automation Test Lead (Apr 2021 – Jun 2021)*

*Client: FedEx . Location: Remote*

* Automated regression tests and maintained frameworks using UFT/LeanFT and Java.

**Mphasis Corporation, India, & USA,**   
*Various Roles (Scrum Master, QA Engineer, Automation Test Lead) (May 2007 – Apr 2021)*

*Client: State Farm, Amgen, Zions Bancorporation, JPMorgan Chase, FedEx.*

*Location: Bangalore (India), Breda (Netherlands), San Francisco, Colorado Springs, Collierville, and Remote (USA)*

* Develop and maintain test automation framework for various applications using Java, Selenium, Cucumber, TestNg, REST Assured,
* Create and configure AVDs with various testing specifications to match real-world device conditions
* Work closely with developers to reproduce issues on Android AVD and verify fixes.
* Conducted database testing, sprint planning, and defect triage
* Primary responsible for product demo to POs, delivery and get businesses sign off.
* Utilize Appium configuration for both iOS, Android
* Served as Scrum Master for various projects

**Other details:**

Bachelor’s Degree | **H1B Visa with I-140 approved |13+ years of US work Experience**