**Bharath Gajulapalli**  
📞 +91 9886941642 | 📧 [gbharath121288@gmail.com](mailto:gbharath121288@gmail.com) 🔗LinkedIn: <https://www.linkedin.com/in/bharathgajulapalli/>

**Summary**

Results-driven Senior SDET with over 9+ years of experience in designing, developing, and implementing robust test automation frameworks for web, API and mobile applications. Strong expertise in Selenium, Rest Assured, Java, Playwright, JavaScript, Appium, and CI/CD pipelines. Adept at optimizing testing processes, resulting in a 40%+ increase in efficiency. Experienced in Agile/Scrum methodologies and leading cross-functional teams to deliver high-quality software for clients such as Empower and the Florida State Government. Passionate about leveraging AI tools to enhance automation effectiveness.

**Technical Skills**

* **Testing Frameworks:** Selenium, Rest Assured, Playwright, Appium, IBM RFT, WebDriverIO
* **Programming & Scripting:** Java, JavaScript, Python, SQL
* **Frameworks**: TestNG, Cucumber BDD, Hybrid/Data-Driven Frameworks
* **Agile & DevOps:** Expertise in Agile methodologies, TDD, BDD, In-Sprint Automation.
* **API Testing**: Rest Assured, Karate BDD, Hopscotch, Postman,
* **CI/CD Tools:** Jenkins, GitLab, CI/CD.
* **Cloud/DB**: Windows 365, AWS Workspace, Oracle 12c, Citrix, Docker, SQL.

**Professional Experience**

**Lead Engineer Quality |Empower (Great West Global Business Services Pvt Ltd) July 2018 – Present**

* Lead end-to-end testing for complex Web, API and mobile applications, ensuring high-quality standards and comprehensive test coverage.
* Responsible for Delivery for of high Quality Product across the platforms.
* Develop and maintain automation test scripts using Selenium WebDriver, Rest Assured, Java, Playwright, JavaScript, Appium, and other tools.
* Designed and implemented automation frameworks, including BDD with Cucumber, Hybrid, Data-Driven, and Keyword-Driven frameworks.
* Collaborated with development teams to enhance quality and shift testing left.
* Utilized AssertThat Jira plugin to manage and organize BDD Feature files within Jira.
* Actively participated in defect triaging and resolution, reporting defects and test results.
* Work in Agile (SCRUM) and Full Stack development environments, ensuring quality across the Software Development Life Cycle (SDLC).

**Key Achievements & Contributions:**

* Reduced regression cycle time by 80% through the implementation of BDD Cucumber and a Hybrid framework for web and API automation.
* Developed robust and maintainable test scripts using Selenium, Rest Assured and Java.
* Improved cross-browser execution speed and reduced flaky tests by 25% by integrating Playwright into the automation suite.
* Built and optimized CI/CD pipelines in Jenkins, automating test execution for nightly regression runs.
* Maintained execution virtual machines, managed the Selenium Grid, and ensured secure test automation environments.
* Led the implementation of the Hybrid Safe Delivery Model (HSDM) and trained QA teams across multiple value streams.
* Presented metrics and ROI on test automation and HSDM to management.
* Led the migration from Zephyr Squad to Zephyr Enterprise.
* Evaluated and implemented Generative AI tools (GitHub Copilot, Claude 3, ChatGPT-4.0) for automation testing, achieving 40% cost savings and a 40% reduction in test script delivery time.

**Senior Software Analyst | Conduent Business Services (Formerly Xerox Business Services Pvt Ltd) Mar 2016 – Jul 2018**

* Identified test cases for automation and conducted feasibility studies to determine automation scope.
* Developed and executed automation test scripts for mobile applications on the latest browsers and devices.
* Collaborated with development teams to identify and resolve defects, ensuring high-quality software delivery.
* Participated in test planning, estimations, and execution for system customizations and enhancements

**Projects**

✅ **Plan Service Centre (*Empower Retirement*)**

* Tools & Technologies: Selenium, Rest Assured, Java, JavaScript, Jira, TestNG, Karate BDD, Jenkins
* Description: A record-keeping application for Plan administration used by Plan sponsors and Third-party administrators.
* Key Contributions:
  + Developed and enhanced the Hybrid automation framework using Selenium WebDriver, TestNG, and Apache POI.
  + Created and executed test scripts for Web and Mobile applications.
  + Implemented cross-browser compatibility testing, parallel execution, and API integration using REST web services.
  + Automated test execution via Jenkins for scheduled regression runs.

✅ **RTD Denver (*Denver Transport Dept.*)**

* Tools & Technologies: Selenium, Rest Assured, Java, Jira, TestNG
* Description: RTD Denver's public-facing portal for Smart Card Media program.
* Key Contributions:
  + Designed test plans, developed automation test scripts, and executed test cases.
  + Managed the test team, ensuring timely project deliveries.

✅ **Women, Infants, and Children (WIC) (*NYWIC, TNWIC, NHWIC*)**

* Tools & Technologies: Selenium, Rest Assured, Java, Jira, TestNG
* Description: WIC Cardholder and Vendor Portal applications to manage government benefits.
* Key Contributions:
  + Maintained the Hybrid framework and developed automation test scripts.
  + Led test execution management for on-time release delivery.

✅ **Life@Work (*Dominos, Fiserv, Honeywell, Newell*)**

* Tools & Technologies: Selenium, Java, Jira, TestNG
* Description: Life@Work portal solution integrating HR data and employee wellness information.
* Key Contributions:
  + Developed and executed test scripts for portal applications.
  + Managed the test team, ensuring smooth and timely release cycles.

✅ **MDTA Tolling (*Maryland Transportation Authority*)**

* Tools & Technologies: Selenium, Java, Jira, Jama, SQL
* Key Contributions:
  + Created a program-level test plan and developed batch files for TPMS operations.
  + Maintained the Hybrid framework and executed test cases.
  + Managed test execution and ensured timely release delivery.

✅ **Florida Tolling Vector 4G (*Florida State Govt.*)**

* Tools & Technologies: Selenium, Java, Jira, Jama, SQL
* Key Contributions:
  + Created a program-level test plan, executed test cases, and generated custom reports.
  + Maintained the Hybrid framework and managed test execution for timely releases.

**Education**

* Master of Technology (M.Tech) in Computer Science Engineering  
  Jawaharlal Nehru Technological University (JNTU) | 2014