

Bharath Kumar G

Quality Engineer with Manual and Automation Skills

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Professional Summary

I'm a results-driven Test Automation Engineer with over 3.5 years of experience in testing (Manual + Automation), development, cloud platforms, and DevOps. I specialize in delivering scalable and efficient test solutions for Web and API automation, enabling faster and more reliable releases. Skilled in delivering robust automation frameworks and enabling CI/CD integrations for scalable deployments. Certified AWS Cloud Practitioner with hands-on experience in Agile environments.

Key Highlights

- Automated 85% of test cases, cutting execution time by 50% and enhancing test efficiency.
- Built modular automation frameworks with Selenium, Cucumber BDD, and POM.
- Achieved 95% defect resolution in SIT and UAT phases before production.
- Optimized CI/CD workflows using Azure DevOps, reducing deployment time by 30%.
- Facilitated Agile ceremonies and sprint planning for high-performing teams.
- Led testing efforts ensuring 99% success in live deployments.
- Developed GenAI solution 'Text to SQL' converting natural language to SQL queries.
- Part of the Bluebolt Innovation team focusing on cost optimization tools and accelerators.

Technical Skills

- **Languages:** Java, SQL
- **Automation Tools:** Selenium WebDriver, JMeter, Postman
- **Test Management:** Azure DevOps
- **Frameworks:** Cucumber BDD, Page Object Model (POM)
- **DevOps & CI/CD:** Azure Pipelines, Git, Maven
- **Cloud Platforms:** AWS, Azure DevOps
- **Operating Systems:** Windows
- **Other Skills:** Prompt Engineering, Vibe Coding
- **Domain Expertise:** US Healthcare
- **GEN AI Tools :** Cursor

Work Experience

Senior Quality Engineer

Cognizant Technology Solutions, Chennai | Jun 2022 – Present

Project: Wellmark TMO Testing

Client: Wellmark Inc.

Role: Senior Quality Engineer

Lead QA efforts in the Wellmark TMO Testing project, focused on modernizing systems through AWS cloud migration. Delivered end-to-end testing coverage across enterprise APIs while enabling continuous delivery pipelines.

Responsibilities:

- Automated test scenarios across lower environments for improved release cycles.
- Integrated automation with Azure DevOps CI/CD pipelines.
- Created and maintained regression suites and test cases for evolving business needs.
- Oversaw a team of testers, managing task allocation and progress tracking.
- Enhanced framework scalability and updated scripts with changing requirements.
- Ran test suites through Azure DevOps for seamless, unattended test execution.
- Conducted manual testing and performed detailed bug tracking and resolution.

Accomplishments:

- Built and deployed an in-house GenAI tool for natural language to SQL conversion.
- Contributed to Bluebolt Innovation initiatives for cost and process optimization.
- Developed a [ResumeApp](#) using Vibe coding to showcase development skills

Education

Bachelor of Technology, Engineering

SRM Institute of Science and Technology, Chennai – 93.2% (2018 – 2022)

XII Standard, PCCM

Sri Vijay Vidyalaya Matric Hr Sec School, Hosur – 90% (2016 – 2018)

X Standard

Maharishi Vidya Mandir, Hosur – 90% (2016)

Certifications

AWS Certified Cloud Practitioner