

Vishnu AV

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Profile

Quality Assurance Manager with close to 14 years of experience leading high-performing SDET teams. Proven track record in enhancing automation, test coverage, and process through Agile methodologies. Skilled in team management and delivering reliable software solutions

Work Experience

02/2024
Remote, India

Staff SDET Ohai.ai

- Developed a **Test Automation Framework (TAF) using Playwright, TypeScript (TS), and GitHub Actions**, which significantly improved automation coverage for high-quality software releases.
- Led the initiative to create automated tools for validating **various LLMs** using tools like **DeepEval and ConfidentAI**, helping enhance the efficiency of our testing processes.
- Guided the team in **integrating AI tools throughout different testing phases**, which advanced our automation strategies and improved overall testing effectiveness.
- Collaborated with developers to boost code coverage and enhance **code quality** through **Pytest and the NextJs** framework, which helped close existing gaps in our test coverage.
- Worked closely with cross-functional teams, including the **Gen AI Team and AWS**, to swiftly identify and resolve software defects, thereby enhancing the reliability of our products.
- Executed **performance testing on web applications, optimizing their speed and efficiency**, which contributed to a better user experience and satisfaction.
- Established continuous integration and deployment pipelines, streamlining the software development lifecycle and supporting best practices in engineering, making our processes more efficient.

08/2021 – 11/2023
Bengaluru, India

Head of QA HOK(Furlenco.com)

- **Recruited and supervised a team of SDET engineers** to design, develop, and execute automated test suites for complex software systems, achieving a noteworthy increase in automation.
- Formulated and implemented a robust **QA strategy** and superior QA processes, ensuring quality standards and timely project execution.
- **Mentored and coached team members**, fostering professional growth and nurturing a culture of continuous learning.
- Spearheaded the development of a **backend and UI test automation framework** (Java, Cucumber), resulting in an **80% reduction** in manual effort, driving process improvement.
- Implemented comprehensive **Quality Gates** across development, integrating a Continuous Integration/Continuous Deployment (CI/CD) Pipeline through Circle CI, Sonarqube, and Kubernetes (K8), ensuring effective process improvement.
- Conducted regular **code reviews** and provided expert technical guidance, ensuring development of efficient and maintainable code.
- Implemented **KPIs for Development and SDET teams**, aiding in effective planning and risk management, ensuring timely project delivery.
- Introduced tools like TestMo, Browser stack, and SonarQube, improving quality deliverables.

Work Experience

02/2019 – 08/2021
Cochin, India

- Led **Agile Test/Project Management** with Jira, extensively implementing and adapting Jira workflows and automation, boosting project efficacy.

**Lead QA
Baker Hughes**

- Directed QA activities for major products, overseeing a high-performing team.
- Developed a robust test automation framework with JAVA, Cucumber, and Azure DevOps, achieving remarkable automation coverage.
- Conducted comprehensive QA process improvements, enhancing QA efficiency and effectiveness.
- Actively contributed to the team by vetting customer requirements and providing P50 estimates using Agile estimation techniques.
- Authored test strategies and comprehensive plans for releases.
- Trained the community and team in Agile practices to foster continuous learning and professional development.
- Engaged in hiring processes, adding talent to the team.

08/2016 – 02/2019
Bengaluru, India

**Sr QA Engineer
Amadeus Labs**

- Automated functional scenarios using Geb & Spock, increasing test automation coverage significantly.
- Managed Selenium and Geb Spock Tests execution, transitioning tests from the systems to UAT.
- Reported results to stakeholders, facilitating informed decision-making.
- Oversaw the automation test migration from Selenium to Geb & Spock, driving process enhancements.
- Maintained and managed Jenkins, supporting Continuous Integration.

06/2011 – 08/2016
Bengaluru, India

**Sr Software Engineer
Accenture**

- Analyzed requirements working closely with Business Analysts and users to finalize technical requirements.
- Devised Test Plans and approaches based on new requirements, enhancing the QA process.
- Created scripts in the BPT framework using HP ALM and Selenium Web Driver, advancing automation efforts.
- Conducted test execution and managed defects, maintaining high standards of software quality.
- Automated testing with UFT, Java, and Selenium, optimizing test procedures.

Skills

Java	Selenium	Python	Typescript
Playwright	LLMs	Cucumber	AWS,Docker, K8
TestManagement	Project Management	Agile Scrum master	DeepEval, ConfidentAI
Jira,Linear,Azure Devops	K6,Jmeter	TestRail,TestMO,X-Ray	TestNG,Pytest
Test Automation Strategy	Quality Engineering	Test data Management	DevOps

Education

09/2007 – 06/2011
Cochin, India

**Computer Science | BTech
GEC Idukki**

Certifications

05/2022

Certified Scrum Master(CSM)
Scrum Alliance
ID: 001140585

05/2024

Advanced Certified Scrum Master
Scrum Alliance
ID: 001140585

Social Media



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Vishnu Venugopal