

Jithin Vishnu R

Software Quality Engineer

Pune, Maharashtra, India | jvjithin2@gmail.com | www.linkedin.com/in/jvjithin

Summary

Experienced Software Quality Engineer with 4+ years in the tech industry, specializing in test automation and quality assurance. Proficient in various testing frameworks and programming languages, with a strong focus on delivering high-quality results. Passionate about software engineering and artificial intelligence advancements.

Skills

- Test Automation: JavaScript (Playwright, Cypress), Java (Serenity), Ruby (Howitzer), Python (Robot Framework, pytest)
- API Testing: Postman, Newman CLI, Rest Assured
- CI/CD: Jenkins, AWS (Lambda, S3, DynamoDB), ArgoCD
- Cloud Technologies: AWS, Google Workspace, Microsoft 365
- Infrastructure: Terraform, Kubernetes
- Monitoring: Datadog
- Version Control: Git
- Agile Methodologies
- Languages: Python, JavaScript, Java, Ruby

Professional Experience

Software Quality Engineer II, JumpCloud

(May 2024 – Present)

- Lead quality assurance for critical products including LDAP, RADIUS, SSO connectors, and SCIM Identity Management applications
- Automate API tests using Python (pytest) and UI tests with JavaScript (Cypress)
- Manage test case migration from TestRail to Qase
- Test cloud directory integrations for Google Workspace, O365, and Microsoft Entra ID
- Utilize AWS S3 for test artifact management
- Apply infrastructure changes using Terraform during deployments
- Monitor application health using ArgoCD, Datadog, and Kubernetes
- Test protobuf and gRPC changes
- Manage feature toggles with LaunchDarkly across environments
- Collaborate across teams using Slack, Jira, and Confluence

Software Development Engineer in Test, HackerRank *(Jan 2023 - May 2024)*

- Automated UI tests using Ruby Howitzer and led transition to SerenityJS (Playwright)
- Conducted code reviews and improved team efficiency
- Built workflows integrating Slack, AWS Lambda, S3, DynamoDB, and Jenkins
- Automated complex scenarios including end-to-end candidate assessments
- Led automated regression and sanity testing
- Enhanced cross-browser compatibility using LambdaTest
- Streamlined API testing with Postman and Newman CLI
- Supported production deployments and resolved customer issues

Tata Consultancy Services *(Aug 2020 - Dec 2022)*

System Engineer *(Apr 2021 - Dec 2022)*

- Developed and maintained end-to-end automation package using Robot Framework/Selenium/Python
- Implemented new acceptance criteria in scripts
- Conducted API testing for headers, response, and cookies validation
- Reduced execution time of the framework by 6.6x
- Implemented multi-threaded parallel test execution, reducing regression test runtime by 4.5x
- Added data encryption for sensitive test data

Programmer *(Feb 2021 - Mar 2021)*

- Underwent self-paced training in Robot Framework
- Gained knowledge in advanced UI automation, XPath building, and behaviour-driven testing

Graduate Trainee *(Aug 2020 - Jan 2021)*

- Trained in various IT aspects including web development, version control, agile methodologies, and machine learning

Education

Bachelor of Science in Computer Science, University of Kerala *(2016 - 2019)*

Certifications

PCEP - Certified Entry-Level Python Programmer *(Certification Code: CWnF.m23j.z5OC)*

- Issued by Python Institute on November 30, 2021
- Covers basic programming concepts, data types, flow control, data collections, and functions