**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