

Software Development Engineer in Test

- Expert in QA for API and microservices integration
 - Implement a test framework for CI/CD with automated pipeline
 - AWS Solution Architect, Developer, Python programming
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Skills

- Software Test Planning, Execution, Automation for REST APIs, GraphQL, Selenium
 - Exploratory Testing, Bug Tracking, Integration and Acceptance Testing
 - Agile Process, Scrum, Continuous Integration, Kanban, Jira, Confluence
 - AWS Services: S3, Lambda, DynamoDB, CodePipeline, Codebuild, Git, EC2, IAM
 - Java, Python, C++, Bash, Postman, JavaScript, React, Chai, Mocha, Pytest
 - Unix, Linux, Solaris, Windows, Mac OSX, npm, pip, node.js, Docker
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Experience

QA and Automation Development Engineer (Aug 2020 - Present)

Lumen/ CenturyLink Content Delivery Network

- Testing CDN Provisioning system API, Web Interface
- Created and executed test plans based on Jira requirements, discussion with developers
- Agile, scrum development with 2-week sprints
- Manual and automated API testing using Postman, Pytest framework
- Created automated test pipeline with Jenkins
- Python code reviews, code merges
- Implemented quick build and test configuration with Docker (shift left testing)
- Used Bitbucket, git, Redhat, Ubuntu, Docker compose, swarm, Cassandra DB, Kafka, JavaScript, node, shell, expect, Jira, Confluence, BugDB, Excel

QA Engineer/ SDET (2019 - 2020)

RH

- Testing Ecommerce site back-end services, shopping cart
- Testing of pricing service, calculator, orchestration
- Writing tests in Python/ Pytest framework for REST and GraphQL interfaces
- Used Jenkins, Docker, Couchbase, Sumo Logic, Git, Kafka
- Implemented new test framework for 2 new projects

Test Automation and QA Engineer 2011- 2019

Oracle

- Tested Orchestration Service for Cloud Services such as Azure, and Linux Servers
 - Wrote tests in Java for Agile/Scrum team in large microservices project
 - Troubleshooting tests/ failures, design tests, work with developers to fix problems
 - Tested REST endpoints using curl, JSON, Postman, RestAssured
 - Created Test Plans, track test results, file and resolve bugs
 - Worked with developers and QA on remote Agile team spread across the globe
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Software Test Engineer and Consultant 2000 - 2011

LSI Logic, Sun Microsystems, StorageTek, HP

- Managed testing for Windows Exchange-based email server
- Tested web-based data center hardware management program
- Implemented test planning and bug tracking systems for small engineering team
- Performed daily build regression testing in Dev team for disk RAID product
- Created and managed Automated regression tests in Python
- Created test plans, executed tests for RAID SAN and NAS products
- Managed QA team to execute tests and created automation testing software

Education

Bachelor of Science in Computer Engineering, Graduated 1999

Kansas State University, Manhattan, KS

Coursework: TCP/IP Networking, Robotics, Artificial Intelligence, Analog Electronics, Amplifier Design, Electromagnetic Theory, Operating Systems, C/C++, OpenGL, Digital Design, Microcontrollers, TCP/IP Networking, Physics, Geography, Writing

Honors: Eta Kappa Nu Electrical Engineering Fraternity, Golden Key Honor Society