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Prashanthi Merugu

Hands-On multi-skilled professional with an accomplished 16 year Quality Assurance background. Rich Exposure on Requirement analysis and feasibility, test strategy, planning, execution, estimation and scheduling the efforts. Domain knowledge in ERP, Industrial Automation, Energy Management and Marketing Automation

Core Competencies

- Team Management
- Test Strategy and planning
- Cross team collaboration
- Functional and Non-Functional Testing
- Monitoring and Alerting
- API Testing
- Automation Framework implementation
- Test Impact Analysis
- Testing and Troubleshooting the software

Technical Skills

- C#, Perl
- JMeter, Gatling
- Grafana, Prometheus
- MS SQL Server, Oracle
- Kafka, Docker and Kubernetes
- JIRA, TFS and Product Studio
- Git, Microsoft VSS, SVN, Source Depot,
- Selenium, Coded UI Test, QTP
- Rally, WTT
- Hyper-V, OCI

Professional Summary

- ❖ **16 years** of varied experience in Team management, Test Automation Development, API Testing, Performance testing, Database Testing, Manual Testing
- ❖ Strong interpersonal and management skills with ability to translate business goals into comprehensive business solutions in complex environments
- ❖ Strong knowledge on creating Test Strategy, Test Plan and Test Case documents for functional and Performance testing of SAAS based Enterprise products.
- ❖ Experienced in monitoring application health by creating Prometheues metrics and Grafana Dashboards
- ❖ Develop and Maintain Automation Framework
- ❖ Experienced in distributed system testing with Kafka and Kubernetes hosted MicroServices
- ❖ Ample experience in Agile methodology
- ❖ Handled Bug Triage, Test Review meetings and Bug Bash meetings
- ❖ Trained peers and new joiners on product and process
- ❖ Coordinate between Product managers and Development teams.

Professional Experience Summary

Company	Designation	Duration
ORACLE	Principal QA Analyst	April 2018- till date
Cognizant	Senior Associate	Feb 2015 – April 2018
GE Energy	Software Engineer	Mar 2012 – Feb2015
SONATA SOFTWARE	Senior System Analyst	Nov 2010 to Feb 2012
WIPRO Applying Thought	Software Test Engineer	Nov 2006 to Nov 2010

Qualification

B.Tech in Electronics and Instrumentation Engineering (E.I.E) Jawaharlal Nehru Technological University (JNTU) Hyderabad

Certified from IIMK in **Senior Management Development** program, one year executive management development program

Professional Experience in Detail

Oracle, Principal QA Analyst

Project: Eloqua, Team size - 10

Contributions:

- Monitor the progress of the test team from planning and execution based on the approved test scope and coverage in different testing stages
- Responsible for the QA deliverables from 2 scrum teams
- Create Test Strategy and Test plan documents for functional and Performance Testing
- Cross team collaboration with global functional team
- Create and maintain Grafana dashboards to monitor application health
- Develop performance test scripts and Identify performance benchmark for new features.
- Collaborate with product managers & architects for feature prioritization and product design
- L3 support for customer reported issue.
- Contribute to the automation framework enhancements
- Conduct bug Triage and Bug Bash for major releases
- Test Kubernetes hosted micro-services

CTS, Senior Associate – Projects, Client: Schneider Electric

Project: SimSci APC, Team size - 8

Contributions:

- Develop automation framework from scratch using selenium C# and Specflow (BDD framework)
- Fixed minor defects in product code identified from automation
- Achieve in-sprint automation
- Integrate automation to the build process and notify automation results
- Deployment support for web feature enabling

GE, Software Engineer

Projects:

➤ PowerOn Restore, Dec 2013 - Feb2015, Team size - 15

➤ Proficy Workflow, March 2012 to Dec 2013, Team size - 12

Contributions:

- Create test artifacts
- Enhance and maintain automation repo
- Identify tests for automation
- Automation code review

- Communicate status and metrics to key stakeholders
- Interoperability testing between the Proficy suite of products
- L1 support to product implementation team

Sonata software, Senior System Analyst [SDET], Client: Microsoft Corporation

Project: **Dynamics Axapta SE,** Team size - 10

Contributions:

- Create test environment
- Manual and Automation testing
- Automation code review

Wipro Technologies, Software Test Engineer [SDET], Client: Microsoft Corporation]

Projects:

➢ **Change Point,   Sep 2009 to Nov 2010, Team Size- 8**

➢ **Microsoft E-Learning, July 2008 to Sep 2009, Team Size - 6**

➢ **Windows Test Technologies, Mar 2007 to June 2008, Team Size - 10**

Contributions:
- QA Lead for 'Engagement Interface' module
- Extensive database testing
- Automate E2E scenarios using C# in Coded UI
- Create Test Strategy, Test plan and Test case documents
- Review Functional Specification documents
- Co-ordinate between offshore and Business Analyst team
- Training New team members on various test functions and project specific tools