**Shaik**

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**Experience Summary and Skills:**

* Overall Experience of 17 Years in **Quality Assurance**/**Control,Product & Process Automation, Project Delivery, Project Deployment**, **Program Management** and **Project Management**.
* Experienced in managing large **Scrum teams** as **SAFe** RTE (**Scale Agile Framework**).
* Extensive Experience in **Functional**, **Integration**, **Regression, System** and **Performance Testing**.
* Extensive Experience in **Design** and**Development**of**Test Automation Frameworks** for **Functional**, **Performance** and **System** areas.
* Experienced in **Requirements Analysis**, **Test strategy**, **Test Plan**, **Test Estimation**, **Test cases preparation**, **Defect tracking** and **Quality Assurance** approaches for projects.
* Good working knowledge in **Shell** scripting.
* Experienced in **DevOps** tools like **Jenkins**, **Zabbix**, **GIT** and **Ansible**
* Experienced in **Cloud Computing solutions** (IaaS) like **AWS**, **OpenStack** and **VMware**/**vSphere** based.
* In-depth understanding on technical skills like **Linux**, **Solaris**, **HP UX**, **Oracle RAC**, **MySQL-Server**, **PostGres DB**, **Tomcat** and **IBM WebSphere**
* Extensive Experience in **Analytical Skills**, **Problem Solving**, **Debugging** and **Isolating** complex system issues while Product testing and at customer sites
* Experienced in large complex distributed transactional projects (**2VoIP Projects**, **1 iDEN/Push-to-talk Project**, **1 WiMAX Network Management System**, **2 SON Projects** (multi-vendor and multi-technologies like 2G, 3G & LTE) and 1 Cable Operator’s Project)

**Professional Courses, Certifications and Memberships**

* SAFe PM/PO Course Completion
* NSN Solution Certification: LTE OSS & SON
* ISTQB Certificated
* MBB Cloud Certified Engineer
* Lean Six Sigma Beginner Course Completion
* PMP Course Completion Certificate – 35 PDUs
* Member of PMI community [PMI Member ID: 4482740]

**Awards and Achievements**

* Nokia Award for Excellence in Performance automation (2015)
* NSN Applaud Excellence in Project Deployment - KDDI (2014)
* Motorola Bravo award for Excellence in Project Deployment – DU (2011)
* Motorola Awarded Twice for Excellency in Project (2007)
* Cyberwerx Award for Significant Contribution to the Project (2005)

**Technical Skills**

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| --- | --- |
| Cloud/Virtualization | vSphere Client/Server(VMWare), OpenStack |
| Database | Oracle 9i, 10g and 11g, Postgres, MySQL |
| Operating Systems | Linux, HP UX and Windows Server |
| Programming/Automation | Shell Scripting, Excel Macros, Behave, Python, Perl, QTP, LoadRunner |
| Tools and Utilities | Putty, WinScp, Cygwin, Nokia/Motorola internal tools, SharePoint, Compass, HTML, ASP |
| Database Connecting Tools | OEM 11g, Oracle SQL Developer, Toad,HeidiSQL |
| Backup and Recovery Tools | RMAN Export and Import. |
| Disaster Recovery | Oracle Data Guard, HAProxy, High Availability solutions |
| Job Scheduler | Unix/Linux cron job and Windows task scheduler |
| Hardware | HP Non-StopTandem, RACK and Blade Servers, EMC & 3PAR Storage System, Cisco switches and routers, |
| Defect Tracking tool | CQCM, DDTS, JIRA, PRONTO |
| Test Tracking tool | Test Central, Quality Central, TestFlo |
| Framework Solutions | IBM Tivoli Netcool PMW &FM,AdventNet,WebNMS, NetAct |
| DevOps Tools | Jenkins, Zabbix, Ansible, GIT, Bamboo |
| OSS | NMS, EMS, CSON/DSON, NetAct and NADC |
| Project Planning | MS Project Standard, Excel |

**Professional Experience:**

Release Train Engineer (RTE) **April 2019– Present**

**(Bangalore, India)**

SAFe Release Train Engineer major role is being aservant leader and coach for the Agile Release Train (ART).Steering self-organizing and self-managing teams to operate most effectively by applying scale Lean and Agile practices. RTE's responsibility is understand and communicate unique opportunities and challenges associated with facilitating and continuously aligning a large development program(big picture).

**Key Skills:**

* Implemented SAFeLean process improvements for Program Increment planning at ART level. This helped reduce 20% time during PI planning.
* Involved in overall SAFe transformation stream. Guiding 150+ team members to implement Scale Agile principles and processes in day to day activities.
* Automated Power BI reports for generating Velocity and Capacity metrics at sprint and PI level
* Conduct PO/PM Sync and SoS meetings weekly. This help align at business vision and handle impediments and risks
* Conduct Sprint retros for 16 scrum teams at the end of 2 weeks sprint to review accomplishments, improvement and next sprint planning.
* Automated JIRA dashboard for scrum masters to view burn down chart and tracked logged story points/hours per sprint.
* Working with System Verification teams to gauge software quality and suggest corrective actions for Product Owners owning respective components and impacts to overall vision.

**Environment:**MS Project Standard, Excel, Confluence, JIRA, Kanban & Scrum boards

**QA/I&V Specialist October 2014–March 2019**

**(Bangalore, India)**

As a QA/Integration & Validation Specialist, major role is to work with global teams to ensure that product deliverables are thoroughly designed, developed and verified based on functional and non-functional requirements captures customer’s needs. It also includes analyzing application behaviors based on Technical/Business/Operational complexity and recommending needed changes to design and implementation. It involves introducing automation in right places to ensure that team spends time on exploratory testing which thereby increases efficiency and reduces project budget.

**Key Skills:**

* Managed Agile Scrum teams of 13 members for developing automation tools. Using these tools, developers & testers were able to deliver more value in 30-40% less time, thereby saving project budget.
* Developed "One Click" demand lab automation with product installed on different infrastructures (VmWare& OpenStack tenants). This tool reduced lab availability time for 150 developers & testers, thereby reducing waiting time less than 90%, increasing productivity and reducing overall release cycle time.
* Developed centralized automation tool to Schedule, Execute and Generate Reports for Product's System Performance testing. With this, build on build performance verification effort by testing teams has reduced to 90%
* Initiated Performance benchmarking at component level to measure system resources consumption when modules are executed concurrently in longevity testing. This helped System Architects and developers visualize product capability at component level and make necessary tuning
* Initiated Continuous Performance testing at system level. As part of process left shift, caught 25-30% performance bugs for new features which were merges in green build
* Developed automation framework (IDE) for system team to develop System Acceptance Test cases. Using this framework, 30-40% of automated test cases are executed as part of Continuous Integration (DevOps) for determining build quality (Red or Green)
* Jenkins tools implementation for installing different OS and Product Installation/Upgrade. Using this System verification team were able to deploy software on OS versions in 50-60% less time
* Trained developers & verification teams on automation tools, Emulation of data, levels of Debugging, planning work and automating testing. This helps teams become independent while developing & testing product.

**Environment:** LINUX, Windows, VMWare,OpenStack, Shell scripting, Python, Excel Macros, DevOpstools(Jenkins, Ansible, GIT, Zabbix), JIRA,MS Project Standard, Excel, Pronto, JIRA, TestFlo, Nokia internal testing &simulating telecom environment

**Feature Manager Feb 2012–Oct 2014**

**NSN/Nokia (Hyderabad, India)**

As a Feature Manager, major roleis to work with the Pre-Sales, Product, Development teams to ensure the appropriate requirementsare captured and that test teams have sufficient information on new features. It also includes leading test team by doing the right thing first time, by coordinating with customer, feature architects, development team. It requires test management activities and deciding on optimal test approaches based on features.

**Key Skills:**

* Develop and Deploy performance monitoring & configure simulators for System Performance testing. This reduced 60% performance testing time & effort
* Applied system thinking helped bring in process improvements and implement functional testing, test automation & usage of testing tools. With this, test cycle time was reduced to 50% and improve in quality with more automation coverage.
* Worked on automated scripting for Bring-up, installation, configuration of simulated environment for System team to quickly perform build on build verification
* Integrated all automation tools in Continuous Integration (CI) to get quick feedback on build quality and sanity checks. System teams were able to pick only green builds for their verification.

**Environment:** Oracle RAC,IBM Netcool, IBM WebSphere, Windows, LINUX, Shell Scripting, Perl, Excel Macros,DevOps tools, MS Project, Excel, CQCM, Pronto, Test Central, Nokia internal testing & simulating tools

**Test Lead Nov 2008 – Feb 2012**

**(Hyderabad, India)**

As a Test Lead worked on Network Management System solution by leading a system verification team. It involves, managing and coordinating test activities like prepare test strategy, test plan, test cases preparation, reviews, new feature grooming, resources allocations and updating stakeholders.

**Key Skills:**

* Deployed and Support NMS application at multiple customer sites remotely
* Applied system thinking helped bring in process improvements and implement functional testing, test automation & usage of testing tools. With this test cycle time was reduced to 50% and improve in quality with more automation coverage.
* Worked on automated scripting for Bring-up, installation, configuration of simulated environment for System team to quickly perform build on build verification
* Develop and Deploy monitoring tools for System Performance testing. This reduced 60-70% performance testing time & effort/

**Environment:**LINUX/UNIX, AdventNet framework, Oracle, Windows, In-house monitoring and testing tools.

**Test Lead ` July 2005 to Oct2008**

**(Client: Motorola)**

As a Test Lead,managed a Backbox verification team for verifying push to talk solutions. It involves, managing and coordinating test activities like prepare test strategy, test plan, test cases preparation, reviews, new feature grooming, resources allocations and updating stakeholders.

**Key Skills:**

* Manage Motorola Labs and Co-ordinate with product teams for hardware setups, configuration, networking and maintenance.
* Configure, Manage and Assign $2 million worth of lab hardware to different development and test teams.
* Interact with Real Interface: Dispatch Application, Simulated Interface: ACG, MDG, APD, DAC, iSG, OMC, GCOM (Frame Relay Channels), HLR.
* Design and developed load and stress performance test scripts for regression and new feature testing

**Environment:**LINUX, Windows,Oracle, In-house monitoring and testing tools.

**SoftwareEngineer ` Apr 2005 to Jun 2005**

**Jacob Ballas Information Technology Pvt Ltd. (Client: Alcatel)**

As a Software Engineer, primary responsible waswork with client team to setup test environment, and perform performance testing which meets requirements and raise defects.

**Key Skills:**

* Performed Installation, Configuration and Testing of Radius Servers (AAA Servers).
* Involved in application’s Regression, Load and Performance Testing on Tru64 UNIX Cluster machines.
* Linux and Windows operating system installation.

**Environment:**Unix, Windows, In-house simulating and testing tools

**Test Engineer ` Feb 2004 to Apr 2005**

**(Hyderabad)**

As a Test Engineer, involved in testing VoIP solutions like IP devices, Gateways, routers and soft switches. It also involves analyzing customer production data dumps for identifying application issues.

**Key Skills:**

* + Prepared Reports in Excel Sheet based on Manual Testing
  + Involved in real time network performance reporting and alarm administration testing
  + Involved in extensive testing in different areas like: Voice Delay, Jitter Control, Tunneling effects, RTP port values, Gk selection modes, Dial Plan, and other Call Features.
  + Written automated scripts for testing VoIP devices with different Gatekeepers to find loop detection.

**Environment:**Cisco ATA routers, Gateway switches, LAN, WAN, Windows, LINUX, Excel Macros and In-house simulating and testing tools.

**Test Engineer ` July 2002 to Jan2004**

**Info Bahn Systems. (Hyderabad)**

As a Test Engineer, involved in business application’s system verification

**Key Skills:**

* + PerformedIoT testing with customer teams
  + Automated regression test cases using automation tools like QTP, WinRunner for quick functional and integration verification

**Environment:**Unix, Windows, QTP, WinRunner, HTML, ASP, Oracle, Shell scripting

**Education**

Bachelor in Science - 1999

Master of Computer Application - 2002