



Statement of Qualifications

Staff Information			
Last Name:	Jariwala	First Name:	Aditya

Staff Background
<p>Mr. Jariwala is a Red Hat Associate Consultant focused on providing comprehensive and efficient solutions to complex problems by utilizing open-source technologies, practices, and principles.</p> <p>Mr. Jariwala is adept at Red Hat technologies and holds certifications for Advanced OpenShift App Development and Specialization in Containers and Kubernetes. He is also a Red Hat Certified System Administrator. Mr. Jariwala has experience with traditional software development using frameworks such as Angular, React, and best practices using tools such as Jenkins, Ansible, and CI/CD pipelining.</p> <p>As a Red Hat Associate Consultant, Mr. Jariwala is skilled in using a wide array of technologies with DevOps and within an agile methodology. He can leverage app development alongside Red Hat technologies to solve business problems and effectively communicate with both technical and non-technical team members.</p>

Statement of Qualifications

Relevant Experience

Technical summary: Mr. Jariwala needed to implement a CI/CD pipeline on an existing Openshift Cluster that greatly reduced the time from deployment to production, while implementing checks to ensure quality and technical standards

Tasks accomplished:

- Mr. Jariwala configured the cluster to appropriately update and configure settings when scaling
- Mr. Jariwala utilized Jenkins to define proper development and production cycles with auto-deployment

Technical summary: Mr. Jariwala built a full-stack application to add efficiency and automation to the business processes of companies managing multiple warehouses in Indiana

Tasks accomplished:

- Mr. Jariwala created a full user-facing application utilizing Angular, JavaScript, and C#, balancing simplicity of UI with robust capabilities for ease-of-use
- Mr. Jariwala integrated the application with Azure for hosting, utilizing Active Directory, and the ability to add in additional features as business goals change
- Mr. Jariwala created a scalable and persistent back-end that could quickly store large quantities of data using SQL optimized for speed and clarity
- Mr. Jariwala utilized simple machine learning and automation methods to provide insights into common tasks and queries, to create workflows that decreased manual repetition
- Mr. Jariwala left the project completed but open-ended for another team to build upon, providing training and full documentation to the receiving team

Technical summary: Mr. Jariwala built a monitoring application for internal use by an IT team monitoring processes and servers critical to keeping the power grid running and mitigating security threats

Tasks accomplished:

- Mr. Jariwala created a dashboard application using Angular and C# that provided quick and easy to read screens that could run persistently and independently on any system
- Mr. Jariwala revised and optimized many SQL queries through different systems to increase the efficiency, since potential outages and system failures had a very small margin of error
- Mr. Jariwala implemented machine learning to analyze trends in previous problems and utilized these insights to provide a warning zone where the team could use a proactive approach to prevent

Statement of Qualifications

an issue, rather than reacting to an issue

Technical Skills

Red Hat Technologies: Red Hat OpenShift 4, Red Hat Ansible Tower

Programming Languages: Java, C#, Python, JavaScript, C/C++, MatLAB, Angular, Groovy, YAML

Databases: MySQL, PostgreSQL, MongoDB

Operating Systems: Red Hat Enterprise Linux (RHEL) 7/8, Windows 7/10, MacOS, Fedora, Ubuntu

IaaS: Amazon Web Services (AWS), Microsoft Azure

DevOps/Automation: Ansible, Jenkins

Development Tools: JetBrains Suite, Visual Studio [Code], Eclipse, CodeReady, Netbeans, Vim

Clearances / Certifications

Mr. Jariwala holds the following certifications:

- Red Hat Certified System Administrator (RHCSA)
- Red Hat Certified Specialist in Containers and Kubernetes

Mr. Jariwala has completed the following enablements:

- Advanced Application Development and Deployment with Red Hat OpenShift Container Platform
- Application Deployment with Red Hat OpenShift Container Platform

Mr. Jariwala holds the following clearance:

- DoD Secret

Education

Mr. Jariwala holds a Bachelors of Science in Computer Science and Mathematics from Purdue University. He specialized in Machine Learning and Intelligence alongside Software Development.

Statement of Qualifications

Professional Background
<p>Prior to joining Red Hat, Mr. Jariwala was employed as an R&D intern and software developer. He worked on creating products with new and emerging frameworks and incorporating machine learning into common tasks. Mr. Jariwala has worked at Blue Horseshoe Solutions Inc., MISO Energy, as well as independently providing solutions to local businesses.</p>