**Resume (Work Experience: 3 years + 10 months)**

**Mr. Shyam Shankar Biradar,**

**B.Tech (Information Technology),**

**From SGGS Institute of Engineering and Technology, Nanded.**

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**Career Objective:**

To obtain a challenging leadership position applying creative problem solving and lean management skills with a growing company to achieve optimum utilization of its resources and maximum profits

**Technical Skillset:**

|  |  |
| --- | --- |
| OpenStack Cloud | KVM hypervisor, Nova, Neutron, Keystone, Cinder, Swift, Heat |
| DevOps | Ansible, SaltStack, Heat, Puppet |
| Programming Languages | C, Core Java |
| Scripts | ShellScript, Python |
| Automation Tools | AutoIT, Selenium Webdriver, Selenium RC |
| Continuous Integration | CruiseControl, Jenkins, Cron |
| Build and packaging | Ant, Maven |
| Unit Test | Junit TestNG |
| Version Control | SVN, Git, Bitbucket |
| Cloud Platforms | OpenStack, VMWare ESX, Microsoft Hyper-V |
| Penetration Testing | Nessus, Nmap, Burp suite, Defensics, Owasp Zap, Bastille  Linux |
| Issue Tracking Tools | JIRA, Confluence, Bugzilla |
| Operating Systems | RHEL, CentOS, Ubuntu, Windows |
| Databases | Mysql, Oracle |
| Others | REST Web Services, Release Engineering, Build Automation,  MQTT |

**Professional Experience:** (3 Years + 10 Months)

**Organization:** GS Lab

**Position:** Senior Software Engineer

**Project:** Intel ESG (Expressway Services Gateway

**Duration:** 2 yrs + 6 months

**Summary:**

Intel Expressway Service Gateway is a software-appliance designed to securely expose or consume application services/APIs on-premise or in the cloud.

It delivers cloud service brokerage capabilities including: integration, routing, data protection, middleware for legacy to mobile service enablement, and AAA security. Intel® ESG is deployed as a low impact proxy at the network or cloud edge

**Roles and Responsibilities:**

 Designing automation framework for product

 Develop an automation framework using Java, Shell and Junit for the functionality testing of product

 Develop scripts and utilities in Java and Shell to make current automation framework more stable

 Maintain the test automation frameworks and take the ownership for the same

 Responsible to setup continuous integration under CC and Jenkins for Build, Test and

Release

 Responsible to create automated system for cluster deployment using orchestration tools (SaltStack, Puppet)

 Implement helper utilities to make automation process easier, for protocols like

MQTT, Websocket etc.

 Write build scripts for product in Ant and Maven and completely responsible to handle Build and Release system

 Setup and automate penetration testing processes (Nessus, Burp, Bastille Linux, Codenomicon etc.)

 Owner and contact person for complete Build, Automation and Release process under the project

**Project:** TrilioData’s TrilioVault (OpenStack cloud Backup/Recovery)

**Duration:**  1 yr + 3 months

**Summary**:

TrilioVault, by TrilioData, is a native OpenStack service that provides policy-based comprehensive backup and recovery within OpenStack environments. The solution captures point-in-time workloads (Application, OS, Compute, Network, Configura-tions, Data and Metadata of an environment) as full or incremental snapshots. It supports one-click as well as selective restore.

**Roles and Responsibilities:**

* Automate continuous Integration of OpenStack based application using Jenkins, Ansible and shell scripting.
* Automate continuous deployment of OpenStack application using Ansible
* Setting up high availability OpenStack clouds with all security enabled
* Debug, solve OpenStack cloud issues
* Test OpenStack backup/recovery
* Writing utility functions at framework level in python
* Automating product API tests in python
* Creating testbed required to run automated test cases includes setting up

Openstack cluster, MongoDB cluster, Cassandra cluster

* Creating product test strategy and testplans

**Initiatives Taken in Organization:**

 Took initiative in starting a technical session series in company, provided sessions for

OpenStack, Ansible, Shell scripting, building automation frameworks, Junit/TestNG, build tools, versioning systems etc.

 Guided internes on their B.E project, projects were related to OpenStack

 Assisted and provided suggestions in different projects for setting up build and release processes, OpenStack clouds

**Special Achievements:**

 Secured “Pat on Back Reward” in organization for excellent performance

 Secured AIR-1881 in GATE-2012

**Personal Information:**

Date of Birth: 2nd March 1989

Nationality: Indian

Marital Status: Single

Designation: Senior SDET

Location: Pune, India

Hobbies: Playing cricket, TT, watching movies

Contact: +91 8600266938

**Declaration:**

I hereby declare that the information described above is true to the best of my knowledge.