Bengaluru, Karnataka
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GIRISH SHANKAR

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Employment

Assistant System Engineer	**Tata Consultancy Services**	Jun 2019 – Present

- Worked on migrating Monolithic application to microservices architecture
- Worked on Splunk for application management, security and compliance, as well as business and web analytics.
- Worked on different configuration changes for different micro-services using OpenShift console.
- Conducted trainings on Docker within the organization.

TRAINING

LINUX WORLD PVT. LTD.

- Working domain name: MARKET READY WEB SERVICES
- Cloud Computing, Implementation of High-Performance Distributed Computing for BIG DATA
- Batch Processing Using Hadoop Framework & Real Time Processing Using Spark
- Running Applications on Large Clusters under containerized Docker Engine deployed by DevOps.
- Deployed own automated private cloud providing service as SAAS, STAAS and PAAS using Python cgi.
- Running Graphical programs on Docker using Xpra and X11 Forwarding.
- Managed Code with version control using GIT.

TECHNICAL PROJECT - Automated Deployment of Cloud Computing with containerized Docker Integration on Linux System Using Python CGI through Apache server.

Project Description

- Deployed infrastructure of Cloud Computing hosted as web application that provides in demand access to a shared pool of configuration software, storage and computational resources. This project contains following configurations:
- SAAS (Software as a service): Service of any software on demand was provided.
- PAAS (Platform as a service): Implemented using Docker and different Platform like python and shell was provided to client on browser.

CERTIFICATIONS

- Redhat Certified System Administrator (RHEL 7, Jan 2018).
- Redhat Certified Specialist in Ansible Automation (RHEL 7, July 2018).

EDUCATION

BTech, Production Engineering, CGPA - 7.92

TECHNICAL COMPETENCY

- Implemented and worked on various services on RHEL7 such as HTTP, NFS, ISCSI, CIFS, SMTP, SSH.
- Familiar with concepts of IPv6, TCP/IP, link aggregation, subnetting, firewall, TCP wrappers, DHCP, DNS, Selinux, LVM thin provisioning
- Experience with OpenShift, User Management, Projects & Roles, Launching applications over HTTPS.
- Sound knowledge on Kubernetes, Securing the cluster. Deployments, Rolling Updates & Rollbacks.
- Experience on automation tools like Ansible.
- Familiar with Helm, Openstack, VMware, Jira, Splunk, Spark, Grafana.