|  |
| --- |
| **VIJAYA CHANDRA G**  **Linux/DevOps/Kubernetes**  **Email:** [sm2chandu@gmail.com](mailto:sm2chandu@gmail.com)  **Mobile:** +91-9063683286  **Summary:**   * An outstanding, self - motivated professional with around total 5+ years of experience in IT industry with major focus on infrastructure provisioning and Software Configuration and Support. * Experience in Linux Administration Installation, Configuration, Tuning and Upgrades. * Implemented AWS Cloud platform and its features which include **EC2,** **VPC,** **EBS**, **AMI,** **SNS,** **RDS,** **, Cloud Watch**, **Cloud Trail,** **Cloud Formation,** **Auto Scaling,** **IAM, S3, R53**. * Manage the namespaces, isolation & labels based the requirements * Perform patch management for the container platform based on critical patches released by platform vendors Troubleshoot container platform service failures * Manage monitoring components and tools that are part of the container platforms, to enable the monitoring and events management activities * Perform configuration backup and restore activities for container platform to persistent storage Integrate storage ( Gluster, Block, NFS etc ) * Experience in Infrastructure as Code (IacC * Monitor container platform for performance and capacity statistics and perform the activities to scale up/down, when needed * Working with VPC/ Sub netting /Rout Tables/VPC peering, Configuring EC2 servers. AWS Security, Deployment, Staging and production * Setup and managed EBS Volumes and EIP to EC2 Instances. * Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc. * Setup/Managing VPC, Subnets; make connection between different zones; blocking suspicious IP/subnet. * Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS) * Maintained DNS records using Route53 and also give public DNS names to Elastic load balancers (ELB) IP's. * Installation and upgrade of packages and patches, Configuration management, Version Control, Service packs, troubleshooting connectivity issues and reviewing Security constraints. * Creating AWS Instances and Resources Bills. * Understand the application stack and assist reduction of repeated failures * Proficient with container systems like Docker and Kubernetes * Administering and supporting the Kubernetes Container platform ecosystem for the organization in AWS public cloud and On premise. * Manage, upgrade, patch the Kubernetes container platform to ensure general operability and availability of all of its components. * Capacity planning and Customer capacity provisioning Implement self-healing for known issues. * Performing daily administration of Kubernetes cluster, system/cluster status monitoring, tuning kernel parameters, server hardening, problem determination, log analysis, and recovery.   **Technical Skills:**  **Cloud Services :**  AWS  **Programming :** BashShell, Python  **OS Platforms:** RHEL Linux, Windows10  **Web Service Tools:**   JBoss, Apache Tomcat 5.x  **CI/CD Tools:**   Git, Jenkins.  **Database Systems:**  DB2, RDS,  **Ticketing/Bug Tracking:**  Jira, Service now  **Virtualization:**  VMware, VCenter.  **Monitoring tools:**  Nagios, New Relic  **Container Technologies:** Docker, Kubernetes  **Network Protocols:**  SMTP, SNMP, ICMP, TCP/IP, FTP, TELNET, NIS, LDAP, UDP  **WORK EXPERIENCE:**  **# 1 . Relevance Lab Pvt. Ltd. Bangalore Apr-2019 to Till date**  **DevOps Engineer**  **Roles & Responsibilities:**   * Administering and supporting the Kubernetes Container platform ecosystem for the organization in AWS public cloud and on premise. * Manage the namespaces, isolation & labels based the requirements * Perform patch management for the container platform based on critical patches released by platform vendors Troubleshoot container platform service failures * Manage monitoring components and tools that are part of the container platforms, to enable the monitoring and events management activities * Perform configuration backup and restore activities for container platform to a persistent storage * Integrate storage (Gluster, Block, NFS etc) * Monitor container platform for performance and capacity statistics and perform the activities to scale up/down, when needed * Capacity planning and Customer capacity provisioning implement self-healing for known issues. * Performing daily administration of Kubernetes cluster, system/cluster status monitoring, tuning kernel parameters, server hardening, problem determination, log analysis, and recovery. * Perform configuration backup and restore activities for container platform to a persistent storage * Capacity planning and Customer capacity provisioning implement self-healing for known issues. * Performing daily administration of Kubernetes cluster, system/cluster status monitoring, tuning kernel parameters, server hardening, problem determination, log analysis, and recovery. * Supporting the Kubernetes Container platform ecosystem for the organization in AWS public cloud and On premise. * Perform patch management for the container platform based on critical patches released by platform vendors Troubleshoot container platform service failures * Manage monitoring components and tools that are part of the container platforms, to enable the monitoring and events management activities   **Environment:**  HelmChart, ELK, ECS, EKS Jenkins, Github, Ansible.  **# 2 . Relevance Lab Pvt. Ltd. Bangalore Apr-2017 to Apr-2019**  **Linux with Cloud Engineer**  **Roles & Responsibilities:**   * Experience in automating the infrastructure in AWS using web services. * Strong knowledge and experience in AWS services like EC2, S3, IAM, and ELB. * Good experience in Amazon Web Services (AWS), EC2, RDS, ELB, Auto-Scaling Group, Security Group, load balancers, VPC, NACL, Auto-Scaling, RDS, ECR, S3. * Working with VPC/ Sub netting /Rout Tables/VPC peering, Configuring EC2 servers. AWS Security, Deployment, Staging and production * Handled security for business-critical apps and high availability applications. Worked with Security Groups, Nagios, encryption, Cloud Watch, Multi Factor Authentication etc. * Setting up user environment according to their profiles and roles. * Assisting in basic troubleshooting of OS level issues like unexpected reboot, system down, user login problems. * Granting access to Share folders and files for individuals and groups as applicable * System Administration tickets like adding hosts, assign static IPs to hosts, adding aliases to hosts. * System administration tasks such as monitoring file system size, CPU, Memory and network performance and generation of daily system report. * Application monitoring, bouncing application instances without bringing the application down, Refreshing application monitors. * Install new / rebuild existing servers and configure hardware, peripherals, services, settings, directories, storage, etc. * Installing, configuring & maintenance of Backup jobs and Restoration. * Understand installation & troubleshooting of Apache, Samba and Squid etc. * Able to handle most of basic to advanced calls in User, group management, system start-up, service modification, crontab entries, ACL modifications, file system management, root & ignite backups. * Ability to work with minimal supervision and be self-driven in carrying out regular administrative duties. * Good understanding of SSH, sftp and rsync protocols. * Troubleshoot Linux including crash dump analysis. * Resolve and escalate trouble tickets. * Perform day-to-day systems administration tasks, user management, file system maintenance, backup/recovery and monitoring. * Create and maintain detailed documentation include processes and procedures. * Solving the trouble tickets as assigned.   **Environment:** Ec2,S3,ELB,VPC,RDS,Firewall, Security Groups, IAM, RDS, Bash shell, CFT |