Vignesh KS

  

Cloud Engineer

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**Professional Summary**

* Overall 12 years of IT experience and 8 years of Linux experience and 5 years of AWS Cloud Engineer with strong knowledge on Design, Development, Implementation.
* Deployment and Migrations. Implemented high-availability infrastructure architectures in an Enterprise and Cloud environment adhering to DR, Business Continuity and availability as per best practices. Have exposure in Cloud Computing & Automation.
* Excellent managerial, communication, interpersonal skills, analytical skills and strong ability to perform as part of a team. Very strong learner with ability to manage multiple tasks in a pressured environment.
* Enthusiastic self-starter, who can boost productivity, cut costs, foster efficiency and ensure profitability by finding the new innovative ways.
* Leadership skills include ability to lead and motivate co-workers from all backgrounds, creative problem solving and solution-oriented work style, decisive and confident decision-making and in-depth proficiency with new technology trends.
* Hardworking Feeder with exceptional track record of reliable attendance and high-quality work. Strong collaboration skills to thrive in fast-paced, high stress environments.

**Technical Skills**

* Cloud Platform: Amazon Web Services, Azure
* Platforms/Operating Systems: Linux(RHEL, Centos, Ubuntu, Amazon), Windows 2012, 2016 & 2019
* Configuration Management Tool: Ansible for Linux.
* Continuous Integration Tools: Jenkins
* Virtualizartion: Kubernetes, Docker, EC2
* Languages: Shell Script, YAML, C, C++
* Web and Application Server: JBOSS, Tomcat, Wildfly, Apache & Nginx
* Database: MySQL
* Monitoring Tools: Nagios, Grafana, SolarWinds, Zabbix.
* Code Management System: GIT, Subversion(SVN)
* Build Tools: Maven
* Code Review, Analyze & Quality Tools: SonarQube, Nexus
* Project and Ticket Management: ServiceNow, Remedy.

**Work Experience**

* **MAY 2015 CSS CORP PRIVATE LTD**

**-- Current Specialist, Chennai.**

* Experience on Key AWS services: EC2, S3, VPC, ELB, IAM, Beanstalk, RDS, CloudFormation, EC2, Lambda, CloudWatch, Certificate Manager, ELB, EBS, ECS, CloudFront/WAF, SQS, SNS, SES and AWS Backup
* Knowledge of AWS and Cloud Computing concepts (preferred experience with AWS Elastic Beankstalk, AWS Cloud Formation)
* Designed high availability environment for Application servers and web servers on EC2 by using ELB, Auto-scaling.
* Knowledge in developing and maintaining Infrastructure-as-Code and Configuration Management in AWS ClooudFormation.
* Having Strong knowledge and hands experience on Linux flavours like Redhat, Centos, Amazon Linux & Ubuntu.
* Designed, Installed and Implemented Ansible configuration management system with Playbook to automate day to day activies.
* Knowledge, skills and abilities of the architecture of Platform as a service(PaaS infrastrcuture based on Docker and Kubernetes.
* Knowledge, skills and abilities to manage Image repositories in support of Docker containers.
* Deploy and orchestrate Kubernetes containers on a Cloud platform.
* Experience in deploying the code on Web and Application servers like Apache Tomcat, JBOSS & Wildfly.
* Created CI/CD pipeline in Jenkins to do the deployment automation.
* Worked on VPC Peering, Transit Gateway services.
* Good knowledge on Openswan and Strongswan VPN server.
* Strong knowledge on Shell scripting.
* Expertise in version control tools like GIT and SVN administration and command line usage of GIT.
* Good knowledge on troubleshooting the OS and application related issues.
* Handled Jenkins installation, job creations, plug-in installation and administration.
* Networking protocols such as HTTP, DNS and TCP/IP.
* Having Strong knowledge on monitoring tools like Nagios,Grafana, Prometheus and SolarWinds.
* **April 2014 COFORGE (formerly NIIT TECHONOLOGIES LTD )**

**-- May 2015 Senior System Engineer, Chennai.**

* Installing and configuring Linux servers. (Cent OS, RHEL, & Ubuntu).
* Perform software installation, upgrades/patches, troubleshooting, and maintenance on UNIX servers.
* Setting up mail server on Linux box using Qmail.
* LVM Configuration and Management
* Installation and Configuration of SAMBA Server.
* Creating and configuring Yum repo for server side & client side.
* Configuring and Managing the SVN server.
* Installing, configuring and maintaining servers and applications such as Webserver, MySQL.
* Configuring and Monitoring Nagios alerts in Linux of Application like Java, Apache, Tomcat, port & Dell Openmanager.
* Trouble Shooting Hardware related issues in servers.
* **July 2010 Genesis Infotainment (Symbiotic Infotech Pvt Ltd)**

**-- May 2014 System Engineer, Chennai.**

* Installing and configuring Linux servers. (Cent OS, RHEL, & Ubuntu).
* Managing & monitoring More than 200 Linux and windows servers and, switches, Routers , via Nagios.
* Upgrades/patches, troubleshooting, and maintenance on Linux servers.
* Creating and configuring Yum repo for server side & client side.
* Worked on IP Tables to strict the Server Access.
* Creating Tunnel to connect Remote Windows Machine & Linux Machine.
* Onsite project implementation in various location (Chennai, Delhi & Kolkata)
* Managing Active Directory in Windows server.
* **July 2008 Hcl Infosystems Ltd.**

**-- Mar 2010 Desktop Engineer, Bengaluru**

* Managing 200 Desktop and configuring required softwares.
* Installing of Desktop and providing network connectivity and Desktop hardware issues.
* Managing and troubleshooting Laser Printer.
* Migration of Users from Windows to Ubuntu.

**Technical Certification**

* Completed AWS Solution Architect Associate (Validation Number 4TL7CHYKJM141J97)
* Completed Redhat certified engineer (Red hat enterprise Linux 6 certificate number: 120-031-786)

**Education**

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| **Levels** | **Name of the Institution** | **% Secured** | **Year** |
| Bachelor of Computer Application | Alagappa University. | 60 | 2017 |
| Diploma in Electronics & Communication Engineering | Sri Muthalamman Polytechnic College. DOTE. | 78 | 2008 |
| SSLC | Sourashtra Higher Secondary School Paramakudi | 73 | 2005 |