**R.AJITHKUMAR**

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**Professional Summary:**

Hands on experience in installation, configuration,tuning,backup,upgrades of LINUX (ubuntu and centos) servers in AWS and GCP Cloud Environment. Extensive experience in Web Server configuration,SSL Certificate upgrade,Jenkins and GIT.

**Educational Qualification:**

* B.E (ECE) - Ramco Institute of Technology
* DIPLOMA - Sri S.R.N.M Polytechnic College
* SSLC - S.H.N Edward Higher Secondary School

**Working Experience:**

OCTOBER (2018 ) – Till date with **AgaramSolutions** as a Junior Devops Engineer

**Project : Cloud Server Configuration**

* Installed and configured Linux servers in AWS Cloud and GCP Cloud.
* Hands of experience in EC2,Route 53,Cloudfront and S3

**Project : Virtualhost Configuration in Apache and Nginx**

* Configured wordpress sites and php sites in apache and nginx
* Configuring the client sites in **Cpanel** with phpmyadmin database.
* Adding **DNS and CNAME Records** in GoDaddy and AWS.

**Project : Version Control (GIT)**

* Installed GitLab Omnibus version and configured git repositories.
* Migrated the repo’s from SVN to GIT
* Created Git branches,pull and push requests and monitored the code requests.

# Project : SSL Certificate configuration

* Configured the SSL certificates like EV certificate,wildcard certificate and Essential Wildcard certificate for different domains.
* Able to configure the SSL certificate for nginx by arranging them according to the order given,without any anchor or chain issues.

# Project : Monitoring Tools

* **Newrelic -**  Installed and configured Newrelic to live montitor the jboss and tomcat nodes showing the response time and database errors. Also added Newrelic plugin for monitoring Nginx,haproxy and postfix.
* **Nagios -** Knows to install nagios in server side and client side and able to add the check for nginx,haproxy,jboss,tomcat,apache,databases,postfix and DNS.
* **Zabbix** - Installed Zabbix to monitor the VMWare’s,Application server,Routers and switch.
* **Grafana and Prometheus** -Tools are installed and configured to check the live monitoring of servers with graphs.

**Project : Configuring web server with NGINX**

* Installed and configured Nginx in Production environment with high availablity.
* High secure websites are created with SSL/TLS protocols. Added Higher secure SSL certificate to run the websites in HTTPS
* Done the troubleshooting and optimization for nginx,to serve with minimal page loading time and high availability.

# Project : High Availability Load balancer

* Installed and configured Haproxy for a high availabililty load balancer with nginx as a web server.

**Project: Configured application server**

* Configured jboss and tomcat latest versions as application server.
* Deployed the jboss and tomcat nodes with ear and war respectively.
* Configured more than 60 jboss and tomcat nodes in production environment.

# Project : Migration of sites from apache to nginx(web srever)

# Since apache server performs very slow and consumes more memory, migrated all the sites running from apache to Nginx.

# Worked in a short span of time and migrated all the sites to Nginx. It is a great achievement in my career.

**Technical Skills:**

* Scripting : Bash,Python
* Cloud : AWS, GCP
* AWS Service : IAM, VPC, Route 53, EC2, S3,Cloudfront
* Web Servers : Apache ,Nginx
* Application : Jboss,Tomcat,Nodejs
* Automation : Jenkins
* Source Code : SVN,GIT
* Database : Mysql,Psql
* Monitoring : Nagios,Zabbix,Grafana,Prometheus
* Container : Docker (Basic)