AMIT KUMAR

282-Block C Sector 39 Gurgaon (Hariyana) – 122001

Mob: 8527663111

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CERTIFICATE NUMBER: 150-148-203 (RHEL7)

IT Professional:

AWS Engineer | DevOps Engineer | System Administration | Infrastructure Support

Experienced DevOps Engineer dedicated to automation and optimization. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the Cloud, as well as DevOps automation development for Linux systems. Brings maturity, enthusiasm, and a drive to learn new technologies along with real world experience. Proven success as an IT specialist with demonstrated ability to learn new technologies quickly and effectively. AWS Issue resolved. Excellent multitasking and time management skills combined with exceptional problem solving skills

➢ Over 6.5+ years of professional experience as Cloud Engineer, Linux Administrator and Build & Release Engineer.

➢ I have setup QA ,DEV & production environment current project.using skills are (Bit bucket, Jenkins [CI/CD) ,Docker ELK and aws services using ec2 instance, ELB, ECS,R-53,autoscaling,Security Group,S3 bucket permissions etc).

➢ Deploy multiple microservices and spring Boot application and angular application deploy successfully run.

➢ Data base using mongo DB cluster.

➢ Experience in configuring, deployment and support of cloud services including Amazon Web Services (AWS).

➢ Strong knowledge and experience on Amazon Web Services (AWS) Cloud services like EC2, S3, EBS, RDS, VPC, and IAM.

➢ Designed and managed public/private cloud infrastructures using Amazon Web Services (AWS) which include EC2, S3, Cloud Front, Elastic File System, RDS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Trail, Cloud Formation, and IAM which allowed automated operations.

➢ Deployed Cloud Front to deliver content further allowing reduction of load on the servers.

➢ Created IAM policies for delegated administration within AWS and Configure IAM Users/Roles/Policies to grant fine-grained access to AWS resources to users.

➢ Improved infrastructure design and approaches of different projects in the cloud platform Amazon Web Services (AWS) by configuring the Security Groups, Elastic IP's and storage on S3 Buckets.

➢ Customized Amazon Machine Images (AMIs) & deployed these customized images based on requirements.

➢ Configured and managed Elastic Load Balancing (ELB), to avoid single point of failure of applications, thus providing high availability and network load balancing.

➢ Monitoring resources and Applications using AWS Cloud Watch, including creating alarms to monitor metrics such as EBS, EC2, ELB, RDS, S3, SNS and configured notifications for the alarms generated based on events defined.

➢ Well experienced in Installation, administration, patches, up-gradation, configuration, security issues, and performance tuning and troubleshooting of Red Hat Linux.

➢ Have strong skills in installing, administering, maintaining and troubleshooting NFS, DNS, DHCP, Mail Server and Samba Server in heterogeneous environment.

- ➤ Expertise to handle tasks in Red Hat Linux including upgrading RPMS using YUM, HBA driver; configure SAN Disks, and LVM file system.
- ➤ Good Experience in Support and Maintenance Linux Platform and Virtualization with Red Hat Virtualization.
- ➤ Knowledge of Firewall, SELinux.
- ➤ Experience in LINUX and using SHELL, scripting to automate processes.

- ➤ Worked on version control tools like subversion and GIT and utilized Source code administration customer apparatuses like GitHub & Bit-bucket.
- ➤ Implemented Continuous Integration and deployment using various CI Tools like Jenkins & integration git hub or Bit-bucket Jenkins.
- ➤ Deploy spring Boot Application auto-scripted in Jenkins using docker host using groovy scripted.
- ➤ Deploy multiple microservices auto-scripted in Jenkins using docker host using groovy scripted.
- ➤ Deploy multiple Deploy multiple microservices auto-scripted in Jenkins using docker host using groovy scripted via ELB.and stored data S3 bucket.
- ➤ Configure & installation centralized logs ELK.
- ➤ Experience in working with EC2 Container Service plugin in JENKINS which automates the Jenkins master- slave configuration by creating temporary slaves.
- ➤ Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
- ➤ Experience with Amazon Web services Creating, configuring and Managing EC2, IAM, services across AWS Zone.
- ➤ Developed Chef Cookbooks and Recipes to manage systems configuration.
- ➤ Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
- ➤ Experienced with Docker container service.
- ➤ **Involved in building own PAAS with Docker; deployed various applications through Dockers containers.**
- ➤ **Understanding the client environment, Administrating and creating solutions using AWS services, CI/CD, GIT, Dockers.**
- ➤ **Automated Deployment to all environments (Dev, QA Test, Demo, Performance Test and Staging/UAT)**
- ➤ **Hands on installation of application services: Apache HTTPD, Tomcat, MySQL, MongoDB, nginx and write Automation scripts for configure nginx, Apache Tomcat, MySQL, MariaDB,AQL**
- ➤ **Familiar with Software Development Life Cycle (SDLC) processes**

Professional Experience:

VALUE FIRST DIGITAL MEDIA Pvt LTD Gurgaon

Role: AWS/DevOps Engineer/Infra Infrastructure Support:

Responsibilities:
- • Performed S3 buckets creation, and policies on the IAM role based polices and customizing the JSON template.

- • Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu) and configuring launched instances with respect to specific applications.

- Manage HA proxy clusters such as launching the cluster and specifying the node type.

- Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.

- End to end deployment ownership for projects on AWS. This includes automation, scalability, builds promotions for staging to production etc.

- Hands on with Git / GitHub for code check-ins/checkouts and branching etc.

- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.

- Built Continuous Integration environment using Jenkins, and Yum .

- Experienced in authoring pom.xml files, performing releases with the Maven release plugin, Mavenization of Java projects and managing Maven repositories.

- Responsible for the Continuous Delivery pipeline given to all application teams as the yon-board to Jenkins as a part of migration.

- Involved in designing and deploying multiple applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto- scaling in AWS Cloud Formation.

- Excellent hands-on experience in installation, configuration and troubleshooting the issues and performance tuning of keepAlive/Apache/ Tomcat.

- Written shell scripts for end to end build and deployment automation.

- Run Ansible Scripts to provision Dev servers.

- Created Docker container using Docker images to test the application even ship, and run applications.

- Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts.

- Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.

- Implemented Release schedules, communicated the Release status, created Roll Out Plans, tracked the Project Milestones, prepared the reports and chaired the Release calls and worked for a successful Release

- Worked on Tomcat 7, JBOSS, nginx and WebSphere Application servers for deployments.

- Responsible for designing and deploying best SCM processes and procedures.

- Understanding of developing and testing enterprise products, with current focus on cloud based application and giving solution to challenges imposed by multi data center deployed SaaS products and their needs for DevOps tools and automation.

- Installed, Configured, Managed Monitoring Tools such as Nagios for Resource Monitoring/Network Monitoring/Log Trace Monitoring.

- Experience on Software Configuration Management (SCM) in Agile, SCRUM, Clear Case, Clear case to Stash Migration, Waterfall methodologies.

- Run multiple microservices in AWS using CI/CD pipeline push image Docker.

- Configure ELK and using our applications logs view.

- Configure ELB and traffic distribute applications.

- **Extensive experience using MAVEN and ANT as a Build Tool for the building of deployable artifacts (war & ear) from source code.**

Environment:Java/J2EE, Python, UNIX, VMware, Ansible, Shell, Perl, IAM, S3, EBS, EC2, Cloud Watch, Cloud Formation, Puppet, Docker, Chef, GIT, GitHub, Maven, Jenkins, TOMCAT 7/8, nginx etc

Academics:

- **B-Tech** in Computer science from S.D.E.C, G.B.T.U 2008-2012 At 70%

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Work Experience:

Working as Devops Engineer / AWS Engineer/ SystemAdministration/ Value First Digital Media Pvt Ltd, Gurgram from 1st July 2019 to Till date.

Technical Skills:

- DevOps Tools: Chef, Jenkins, Docker,Anisible.
- Build Tools: Ant, Maven.
- AWS Cloud Tools: EC2, Elastic Load-balancers, Elastic Container Service (Docker

  Containers), S3, Elastic Beanstalk, Cloud Front, Elastic File System, RDS, Dynamo DB, DMS, VPC, Direct Connect, Route53, Cloud Watch, Cloud Trail, Cloud Formation, IAM, EMR ELB, RDS, AMI.
- Kubernetes   Architecture of K8's, Deployment K8's and Ingress rules created and deploy

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- Operating Systems: Linux (Red Hat, CentOS), Ubuntu, Windows Servers Mac OS X.
- Project Management Tools: Nagios, and 24*7 services
- Web/Application Servers: Apache, Apache Tomcat, JBoss,Nginx
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- Protocols/Services: DNS, HTTP, HTTPS, NFS, TLS/SSL, DHCP, etc.

Netlink software Pvt. ltd under project MP State IT Center Bhopal (Data Center in **Bhopal)-** as a. Sr.System **Administration Specialist in Linux (webserver hosting at Apache, tomcat, Apache tomcat, Cluster VCS Cluster,Infoscale 7.2 High Availability cluster, Two node configure in cluster, configure two node VCS cluster in high Availability Apache web-server and install and configure DRBD Linux cluster for DATA high Availability ,MySQL Cluster master-master cluster, master-slave cluster in Linux, install & configure MySQL NDB cluster,**

Designation   : Specialist Linux (L3)
Client   : MPSDC(madhy pradesh state Data center)
Location   : A-47a arera hills (Bhopal)
Responsibilities: -

>.Configure & Troubleshooting the syslog Servers.
> Congigure & Troubleshooting Mysql master-slave replication setup
>Troubleshooting of network related issues.
>.Installation & configuration of MySQL databases & Apache Tomcat.
>.Troubleshooting O.S related issues.
>.Hands on experience in RHEV & Kubernates.

HCL Info system Limited.   14-Mar-2016 to 31-Aug-2018

Designation: Sr.Server Administrator(Linux)

Client :   UIDAI(Unique Identification Authority of India)

Location: Manesar (Gurgaon)

Responsibilities at UIDAI (Data Centre, A Govt. Project):-

➢ Data center support for UNIX / Linux / Windows platform.
➢ Experience in Data center migration and implanting infrastructure.

➢ Implanting and solution for migration activity.

➢ Handling the day-to-day Operations, Install packages, software, apply patches, manage file systems, monitoring performance and troubleshoot alerts.
➢ Configuration and administration of Logical volume manager (LVM).
➢ Knowledge of Active Directory.

➢ Virtual Machine Creation and Configuration Using KVM.

➢ Installing, configuring and maintaining Linux Servers.
➢ Fundamentals of Networking & connectivity.
➢ Working on centralized auto and manual ticketing system, Change management, Problem management.
➢ Deployment & Management of more than 11**000 servers** in Data Centre.

- Installation and managing over 2500 servers (RHEL 6.x,Windows 2008/2008 R2).
- Hardware RAID (1,5 with hot spare) configuration on Dell, IBM Servers.
- Installation & Configuration of Dell, IBM & HP Servers.
- Installation & Administration of RHEL (6.3 & 6.5) & Windows Server (2008, 2012).
- ILO Configurations IBM, Dell & HP.
- RHN Integration.
- User & Group Administration.
- NIC Bonding & OS Level Network Configuration.
- Troubleshooting of CA-Sysedge tool, used for SNMP service.
- Setup Password less login.
- Root cause analysis of higher severity issues.
- Monitoring of Log files, Disk space, CPU utilization and Memory Utilization.
- Multipath Configuration.
- Scanning & Configuration of EMC Storage devices in RHEL.
- DNS, YUM, FTP, LDAP, NFS, Samba & NTP Servers Installation & Configuration.
- Infra Monitoring Solutions:
- Responding to alerts from our monitoring system CA - EMS (Spectrum, e health),
- Ticketing Tools:
- CA - Service Desk,
- Firmware upgrade on IBM server.
- DSET, SOS & EMC GRAB Report generation for OS (RHEL) & Hardware issues troubleshooting.
- Call Logging with OEMs (Red Hat, Microsoft, VMware, Dell and HP) for OS (RHEL) & Hardware Support.
- Generating Monthly Reports like Server Availability, Network Availability, and Bandwidth.
- Utilization and SLA Report.
- SAN configuration server side & EMC both multipath s

Technical Skills

Hardware:IBM Blade center HS23, IBM X3850 X5, Dell Power edge M610, Dell Power edge r710, HP Prolient BL460c G7

Operating System: Red Hat Linux Enterprise 6.3,.5,7, 7.1 Windows Operating System Server 2008, and 2008-R2 Servers & 2012

Virtualization: VMware, Windows Server 2008R2, 2012(Hyper-V) and RHEL 6 (KVM), esxi
Networking: Switch configuration in IBM Server switches, and IMM/ILO configuration.

Startrek logistics Pvt. Ltd.   from   Sep 2014 – Mar2016

Payroll of Progressive info vision Pvt. ltd.
Client of Wipro InfoTech

About Startek Logistics Pvt. Ltd. (System Engineer Linux)

Role – Linux System Admin.

– • Solved Network, System & Server Support Issues for the call center agents on a daily basis
• Managed the PBX, Routers, Switches.

- Attending Users calls in desktop hardware-software, Operating systems and network related problems.
- Installation different software (Company own-created &Third party).
- Configure & troubleshooting the mail Servers.

- Implementation of DNS & mail Servers.

- Troubleshooting of network related issues.

- Installation & configuration of MySQL databases & Apache Tomcat.

- Troubleshooting O.S related issues.

- Hands on experience & troubleshooting of SVN.

- Managing mail accounts creation, deletion and password authentication. Configuring Microsoft Outlook 2003, 2007, 2010, Outlook Express.Mozila thunder word..
- Managing users, Computer and groups configure access to shared folders.
- Implementing, Installing and trouble shooting of windows XP,Windows7 and Windows vista
- Trouble shooting Network connectivity problems.
- I also handling server DRISHTI application….
- Configuring Active Directory,DHCP,DNS,NFS,ISCSI,SSH,TELNET,LVM & RAID.
- Update system as soon as new version of O.S & application software comes out.
- Implement the policies for the use of the computer system and network.
- Installation & configuration of network device.
- Support LAN & WAN network & troubleshooting the network connectivity.
- SQL server installation & create DB users & set permission.
- Configuring and troubleshooting Printer.
- Troubleshooting LAN network shares.
- Installing and updating Antivirus.
- Installing and updating Office 2010,& 2013.

e-VISION INFOTECH Pvt. ltd.   (*3AUG'12 to 2SEP'14*)

(*Desktop Support Engineer)*

- Configuring Active directory dhcp,ssh,telnet,dns etc..
- Update system as soon as new version of O.S & application software comes out.
- Implement the policies for the use of the computer system and network.
- Setup securities policies for user using firewall.
- Responsibility for security.
- Responsibility for documenting the configuration of the system.
- Installation & configuration of network device.
- Support LAN & WAN network & troubleshooting the network connectivity.

- SQL server installation & create DB users & set permission.
- Configuring and troubleshooting Printer.
- Troubleshooting LAN network shares.
- Installing and updating Antivirus.
- Installing and updating Office 2010, & 2013.
- Hardware issue Resolved.

TOOL USED:-

> CA Spectrum, CA Service Desk, Citrix, Putty, Net act tools like CM editor, Software Manager

TECHNICAL SKILLS:-

> **Operating Systems:** RHEL 6 & 7, Windows 2008 & 2012 server

  Virtualization VM-ware & V-sphere client

> Databases: SQL,MARIA- db

PERSONAL DETAILS

Father's Name	:	Mr. Anil Gupta
Date of Birth	:	02/01/1988
Nationality	:	Indian
Gender	:	Male
Hobbies	:	Play cricket, music, suffering net…
Language Known	:	English & Hindi
Address		**Durga Medical Store Dhimishri AGRA**
		(283125)

Declaration: *Hereby declare that the information Furnished above is true to the best of my knowledge and concern*

Place: - …………………………   **(AMIT KUMAR)**

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