TeleKinetics⭕

Work Profile

YUVRAJ C.	Email: -
BA in Pune university	Phone: -

Certifications: -

- MCP (Microsoft Certificated Professional)

- Appearing AWS Certified DevOps Engineer

Profile Summary: -

- 12+ years of experience specialised in Linux System Administration working on server-based operating system,

- kernel configuration on Red hat Linux, CentOS, Ubuntu. Designing & building client infrastructure on AWS and

- Microsoft Azure environment. Expertise in Server Migration in Cloud to Cloud Technology in the IT industry.

- Experienced in the areas of system administration, Linux, databases, Web servers, Shell scripting.

- Interested in Cloud computing, DevOps environment and open source software development.

Professional Skills

- Cloud Computing: Amazon Web Services, Microsoft Azure, GCP, DigitalOcean
- DevOps Environments : Puppet, Ansible, Chef, Jenkins, Selenium, GitLab, Nagios, zabbix, Splunk, Docker, Kubernetes, Docker Swarm, ELK,
- Operating System: Red Hat Linux, CentOS, Ubuntu (Desktop & server), Sun Solaris 10, Microsoft Windows 2000/2003/2008/2012 servers.
- Linux Systems Administration, Networking, Databases and Security : MongoDB, Apache, Nginx, Wordpress,
- Drupal, FTP server (vsFTPD), SAMBA, MySQL, PgSql, PHP, IIS 6, IIS 7, MS-SQL, DNS, DHCP, NFS, TCP/IP, qmail, Postfix, SendMail.
- Computer languages and scripts: Python, PHP, Perl, HTML, CSS, SQL, shell scripting (e.g., bash, awk, sed, etc.)

PROJECTS

● Managing the all cloud Infrastructure (AWS, GCP, Azure, IBM)
● Design, build, and operational management of highly secure and scalable sites/software on Cloud.
● Design and Development/Strategy.
● Works hand-in-hand with the frontend and backend engineering teams in all technical operations and works to reduce or eliminate any repetitive or manual tasks.
● Work with the Engineering, Product, and Architecture teams to ensure that appropriate attention is given to 'Reliability Engineering'.
● Focus on automation; in the context of self-healing & auto-remediation.
● Promotes, documents, and implements systems infrastructure best practices, building tools that allow the department to develop and deploy impeccable sites/software.

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Page 1 of 2

● Focus on continuous DevOps knowledge improvement by researching the latest Build and Release tools, CI/CD pipeline tools, Cloud Infrastructure management services, Containerization orchestration frameworks, training the team, and documenting best practices
● Working on CI/CD tools like Jenkins, Bamboo, and even on platforms like Bitbucket, Github, and Gitlab.
● Working with configuration management systems like Ansible, Chef, Puppet etc.
● Programming language or scripting languages like Python, Bash, PowerShell.
● Building new microservice architecture or scalable architecture on Cloud infrastructure.
● Microservices Orchestration Tools Kubernetes, Azure Kubernetes Service (AKS)

● Configuration of the AWS cloud management; Configure and fine-tune the cloud infrastructure systems; monitoring and managing cloud services carefully.
● Responsible for managing, using and operating systems on the AWS platform.
● Understanding of the metrics and monitors the utilization of AWS resources on a full scale by making use of highly complex Amazon CloudWatch.
● Reducing the time required for production by using automation infrastructure which involves Cloud Formation technique
● Keeping the backup of the resources. The administrator has to do AWS on-premise resources backup often by use of AWS services
● Managing and then operating highly available and fault-tolerant cloud systems.
● Estimating the usage costs and also in identifying the operational cost control mechanisms of the system to improve efficiency.
● Managing the network especially the DNS and the firewalls.
● Configuration of ELB for scalable application.
● Managing the RDS.
● Managing the AWS Services (EC2, ELB, IAM, S3, Route53 ,CloudFront, VPC and others.)
● Managing the AWS DevOps tools (AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, AWS CodeStar)
● Managing Cloud Computing Services on Amazon Web Services, Microsoft Azure, DigitalOcean.
● Responsible for installation, Configuration, Management and maintenance over Linux Servers.
● Monitoring servers using Nagios and bash scripting.
● Installation & Configuration of various Linux flavors such as Red Hat Enterprise Linux, Centos, Ubuntu.
● Managing DB servers (Mongodb, Mysql, Pgsql).
● Managing online services like Sendgrid mail, github repo, google apis, Akamai CDN services, Godaddy services, New Relic monitoring system.
● Package Management using RPM & YUM, Deb, Disk Management : Partitioning tool like fdisk.
● File system management : ext2, ext3, ext4, utilities.
● Managing different file servers like NFS,SSHFS, FTP and SAMBA Servers.
● Using shell scripting for backup, and Alert Monitor system on linux.
● Diagnosing monitoring performance and Network related issues using ps, top, netstat.
● Responsible for adding, creating new users, group, SVN repo, Git repo and setup home directories and appropriate access restriction to software and directories & files using access mode.
● Management local systems, servers, Hardware and Software Firewall.

● Provisioning, installation/configuration, operation, and maintenance of systems hardware and software and related infrastructure.
● Develop and maintain installation and configuration procedures.
● Responsible for my-sql and Ms-Sql server troubleshooting.
● Perform regular security monitoring to identify any possible intrusions.
● Create, change, and delete mail user accounts per request.
● Create, change, and delete domain accounts per request.
● Perform ongoing performance tuning, hardware upgrades, and resource optimization as required. Configure CPU,
● memory, and disk partitions as required.
● Maintain mail, web servers and monitoring equipment.
● Configuration & maintain email client (outlook express, Eudora, Microsoft outlook, Thunderbird)
● Configuration Linux mail server (qmail , Postfix, Fetchmail).
● Install and maintain squid Proxy Server and iptables related problems.

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Page **2** of **2**