

MANIKANDAN.K

Mobile: +91-9791071109

E-Mail: _manikandankannappan@yahoo.com



Seeking mid-senior level assignments in Linux Admin, AWS, Azure and DEVOPS Automation, profile with an organization of high repute.

SUMMARY

- Over 5.4 years of experience in IT Infrastructure Operations, Linux/AWS & Azure Cloud Administration and Devops Automation.
- Currently working with **Verizon Technologies** from **Apr 2019** to **present**
- Adapt at mapping client's requirements, custom designing solutions & troubleshooting complex information systems, as well as acting as an escalation gate to resolve critical issues of the team members from operations prospective
- A strategic planner with expertise in swiftly ramping-up infrastructure assignments on multiple platforms
- Abilities in leading & guiding project teams for delivering service to clients within specified schedule and budget
- Excellent communication and interpersonal skills with abilities in resolving complex hardware and software related issues

ORGANIZATIONAL EXPERIENCE

Verizon Technologies (Contrat with Techstar Group)

[Apr 22 - Till Now]

AWS Administrator

Title: Cloud (AWS) and devops support

Client: Leading Multinational Automobile/Petroleum/FMCG Company (Across Canada, US, UK, Germany)

Role:

- Creation of AWS account, creating user and assigning IAM role, allocation of user policy to individual user.
- Creation of VPC, Open vpn, vlan, Security group, Subnet, Procuring Elastic IP and attaching additional EBS volume to Instances.
- Managing AWS S3 account, Redshift and RDS cluster creation, data migration between different AZ's.
- Provisioning of instances inside AWS and uploading data using as per requirement.
- Provisioning of HA using AWS ELB and configuration Auto Scaling.
- Cluster patching using Chef Automation tool and OS Hardening.
- Uploading data into S3 and creation of bucket policies using JSON template.
- Deployment of entire infrastructure using Cloud Formation and several AWS API's and SDK
- Analysis SAR (System Activity Report) of Linux Cluster and monitoring Logs of CPU / Memory / Disk Utilization / NI Value.
- Acting as a part of Infrastructure Operation Center Team with a team of 55 people
- Providing Linux server support for overseas IT Infrastructure of our Client's Enterprise Cloud (By using Amazon Web Services) based Data Centers hosted across APAC, EMEA and AMER locations

- Presently I am aligned with Operation Center Support Team for performing Linux Administration and Support □ Working upon the Incidents/CRQ as per our defined work instruction and resolving those tickets within defined Service Level Agreement (SLA)
- Configuration and Administration of several Linux server parameters and thresholds to the open source tool Nagios. □ Adding Linux Servers in the Nagios console, Configuring threshold as per each device priority, Nagios Core configuration, Configuration of the Service Group, Host Group and Contact Information in the master server of Nagios, Commissioning and decommissioning nodes from the tools upon Change requests.
- Responsible to create and edit Disk partition, LVM, Quota. Also we are responsible to installation of several packages using YUM and Network kick start package installation. Configuration of SSH and PUTTY terminal service.
- Deployment of weekly / monthly patch to respective Windows/Linux servers using BMC BladeLogic Server Automation (BBSA) Application Suit as per approved change ticket used to raise by our client □ Execution of:
 - o Bash Scripts to generate health status log of critical production servers
 - o Batch files to automate the process of checking necessary prerequisites, before installing BBSA agent
 - o SQL Query to fetch data of only DB log space used status from conventional systems
- Usage of BMC Promise as ticketing tool to work upon incidents and changes as per ITIL framework
- Calculation of overall incidents & changes count for every month and working integrated with IT Service Management (ITSM) Team to publish monthly KPI (targeted to stay in green zone) report

ACQUIRED KNOWLEDGE BASE

- Ticketing Tools Like zera remedy, IT360 having 2 years of experience.
- Architecting of AWS Solution and Linux System Administration
- Gained good exposure in providing support for IT Infrastructure on AWS Cloud Environment. In parallel support for Infra Automation and loves researching on several Linux flavor and other AWS Services.
- Building knowledge base on Configuration management using Chef (Cookbooks, Nodes, Workstation and Chef Solo) and AWS API services (AWS CLI and Ruby Gems SDK)
- Knowledge buildup on AWS Lambda, API Gateway, Opswork, Route53 and Cloud Front CDN
- Having 2 years of experience in Python automation and testing
- Have experience in GITHUB admin process and roles.
- Have experience in maintaining GIT Repositories, Handling Releases & Branching activities in GitHub.
- Have experience in GIT Commands to connect local repository to remote repository.
- Have good knowledge and hands on experience on building JAVA application using ANT, MAVEN, and GRADLE.
- Have good knowledge and hands on experience on deploying the application using tomcat server.
- Have experience in installing, managing and creating users in TOMCAT SERVER.
- Have experience in installing, configuring and administering Jenkins CI/CD tool.
- Have good knowledge and hands on experience in creating continuous integration and continuous deployment jobs using JENKINS server.
- Expertise in writing pipeline scripting to create jobs in JENKINS Server.
- Had a good knowledge and hands on experience in creating virtual machine using VIRTUAL BOX.
- Had a good knowledge and hands on experience creating multiple machines using VAGRANTUP.
- Had a good knowledge in maintaining and managing virtual boxes downloaded from CLOUD.

- Experience in writing ruby scripts to create multiple machine, create private network between multiple machines, scale up and down the CPU's, memory in virtual machines, creating common share folder between machines, allocating hostname in VAGRANT FILE.
- Expertise in writing playbooks using YAML Scripting in ANSIBLE for creating Configuration management jobs like installing, service stop, start, assigning roles and basis configuration.
- Had an Experience installing and managing ANSIBLE SERVER and ANSIBLE NODE.
- Have working knowledge to write cookbooks in CHEF for creating Configuration management jobs like installing, service stop, start, assigning roles and basis configuration.
- Knowledgeable / manage in installing and managing CHEF DEVELOPMENT KIT, CHEF SERVER AND CHEF CLIENT. Also can manage creating Puppet Manifest in PUPPET for creating Configuration management jobs like installing, service stop and start.
- Can manage in installing and managing PUPPET SERVER and PUPPET AGENT.
- Knowledgeable in installing and managing DOCKER Containerization.
- Knowledgeable in working with DOCKER IMAGES and DOCKER CONTAINERS.
- Knowledgeable in creating DOCKER FILE.

PREVIOUS WORK EXPERIENCE

TATA Consultancy Services

Cloud Support

18 -Apr 19]

[Sep

Accenture Services Pvt. Ltd. (CHENNAI)

AWS Cloud Support and DEVOPS ENGINEER

-Sep 18]

[Feb 17

Cognizant with payroll of PCS Technologies. (CHENNAI)

Infra Support

[Aug 15 -Feb 17]

Kryptos Services Pvt. Ltd. (CHENNAI)

Monitoring and tech support

[Feb 14 -Feb 15]

PERSONAL DETAILS

Date of Birth: 08th Dec, 1990
 Father's name: Kannappan.A
 Residential Address: 12.ragava Street, Dr.Natesan Road, Triplicane Chennai-5
 Contact No 9791071109
 Alternate Contact No 8680906167
 Languages Known: English, and Tamil
 Passport No L9274825
 Alternate Email.ID manikandan-eee@hotmail.com
 Certifications RHCSA, RHCE
 Certification No 180-135-592
 PAN Number: BANPM3442E

DECLARATION

I hereby declare that the aforementioned information's are correct up to best of my knowledge and belief. Also, I bear the responsibility for the correctness of each academic and corporate credentials.

Place: Chennai (Tamilnadu, India)

Name: (Manikandan .K)