

Chaithanya Deepika

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Summary

An enthusiastic engineering fresher who is a self-starter and capable of using technical skills for organizational development. Having around 3 years of IT experience in Analysis, administration, Development and support in IT Technologies. Well experience in the areas like AWS Services & Basic Knowledge in Microsoft Azure.

Profile Summary:

- Good hands-on knowledge of GITHUB & GIT
- Experience with automation/ integration tools like Jenkins
- Knowledge of major cloud service providers, like AWS, Azure etc.
- Hands-on knowledge of software containerization platforms like orchestration tools like Kubernetes.
- Hand-on knowledge on Monitoring in Kibana, Grafana, Prometheus & Graylog
- Hand-on knowledge creating the alerts rules by using promql through Emails & Slack Notifications
- Hands-on knowledge creating dashboards in grafana for various types of metrics using prometheus
- Creating the EC2 instances, VPC, S3 Buckets, EBS, Auto scaling, Load Balancers, etc.
- Work with development teams to analyze, evaluate and design alternatives and to implement process improvements
- Work on Kafka servers, Druid servers, spark
- Work on DB as Cassandra, Neo4j, Elastic Search, Redis & Postgres as an admin to help developers.

Experience :

Project-3

 DevOps Engineer

Opt IT Technologies (I) Pvt. Ltd

Aug 2020 - Present (1Year)

- Build, Deployment Software Configuration management.
- Hands on knowledge on Linux system and Software Configuration Management, Build and release, DevOps, Linux environment.
- Manage Services in Ubuntu.
- Hands on knowledge with Amazon Web services Creating, configuring and Managing EC2, S3, • VPC, IAM, ROUTE 53 services across AWS Zone.
- Ability to create project in GIT, set configuration for GIT, setting GIT environment variables.
 - Hands on knowledge with Version Control System-GIT
- Hands on knowledge on VCS Remote Repository GITHUB
- Hands on knowledge in using Continuous Integration tools like JENKINS
- Set up build jobs and configure build jobs in JENKINS

- Hands on knowledge on Jenkins User Management – Create a User account, Delete user Account, Setup Authorization access to users
- Ability to manage plugins in JENKINS such as installing plug-in, un-installing plug-in, upgrading, • configure plug-in.
- Setup build triggers in Jenkins and Email notification on build
- Set up Jenkins distributed builds, configure master-slave.
- Monitoring tools such as Grafana , Kibana & prometheus
- Understanding the flow of Data pipeline.
- Basic Knowledge on Druid, Kafka (Messaging system) & Samza Jobs
- Hands on Experience for Restoration Cassandra,Neo4j ,ES by using provision through Jenkins. Query Executing in DB (Cassandra & postgres).
- 5xx & 4xx errors troubleshooting
- Hands on Experience in Kubernetes Installation & exporting Yml file (Public or Private).
- Executing the Jobs by using Crontabs & HDinsights cluster in Azure provisioned to Jenkins



Project-2

LINUX/ AWS CLOUD ADMINISTRATOR

Precision Infomatic (M) Private limited

Jan 2020 - Aug 2020 (8 months)

- Very good in performing AWS cloud Administration functions
- Responsible for implementing and supporting of cloud based infrastructure and its solutions.
- Proficient in AWS services like VPC, EC2, S3, ELB, Auto Scaling Groups(ASG), EBS, RDS, IAM, Cloud Formation, Route 53, Cloud Watch, Cloud Front, Cloud Trail.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Understanding of VPC, VPC peering within region and VPN for peering across region. • Created and configured elastic load balances and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu, Centos and Windows also install virtual machine using User-Metadata.
- Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
- Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Experienced in creating RDS instances to serve data through servers for responding to request

Project-1

System Engineer

Jana Small Finance Bank

May 2018 - Dec 2019 (1 year 8 months)

- User and Group configuration - adding, modifying, disabling and deleting.
- File Systems – Adding, removing, swap, LVM.
- Package management with Windows Update, RPM and YUM.
- Services Management - Run levels.
- Setting processor / CPU affinity for a certain task or process.
- Working on Incident & Service Request issues.
- Ability to work independently as well as a team member.
- User ID and group creation, modification, deletion, group addition as per client requirement.
- Installing, configuration and Updating using RPM and YUM packages.Scheduling of automatic repetitive Jobs with Crontab.
- Backup and Recovery Management using tar and gzip.
- Installation and configuration of MS SQL Server 2012, 2014 and 2016.
- Monitoring of server performance.
- Deploying service packs and security patches based on the need.
- Worked on VMware Workspace one and troubleshooting through remote tool zoom & LogMeIn (LMI).

Education



Annamacharya Institute of Technology & Sciences,(Autonomous)

New Bowenpally, Rajampet

Bachelor of Technology - BTech, Electronic and Communications Engineering
Technology

2014 - 2018

Narayana Junior College - India

Intermediate

2012 - 2014

Valakanni Matha High School

SSC

2011 - 2012

Licenses & Certifications

AWS Certified Solutions Architect - Associate - Amazon Web Services (AWS)

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Skills

Amazon Web Services (AWS) • Grafana • Kibana • Microsoft Azure • Jenkins • GitHub •
Kubernetes

