

Vysyaraju Prudhvira
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(Validation Number: 1SNYFWMCPB1QQ59X)

OBJECTIVE:

To establish myself as software professional with commitment adding value to the organization, where I can utilize my skills and experience in the best possible manner where there is an ample opportunity for both individual contribution and teamwork.

ACADEMIC CREDENTIALS:

S.No.	COURSE	SCHOOL/COLLEGE	ACADEMIC	SCORE/AGGREGATE
1	B.Tech_ECE	Gitam institute of management and technology, Visakhapatnam	2016	67%
2	M.P.C	Sri chaitanya junior college, visakhapatnam, AP	2012	79.9%
3	S.S.C	Sri prakashvidhyanikithan, Visakhapatnam	2010	80%

TECHNICAL SKILLS:

SKILL AREA	TECHNICAL SKILLS
DevOps Tools:	Jenkins, Maven, Docker, Ansible, Kubernetes, ECS, EKS
Aws Services:	EC2, S3, ELB, Auto scaling Groups, Glacier, EBS, CloudFront, RDS, VPC, Route 53, Cloud Watch, IAM, SNS, Security groups, RDS, lambda, ElasticBeanstalk, Stepfunctions, ECS, EKS, Dev tools
Programing Language	Python
Version Control:	Git
Source Management Tools:	GitHub
Bug Tracking Tools:	Jira
Cloud Platforms:	Amazon Web Services
Monitoring Tools:	AWS Cloud watch, Nagios
Collaboration Tools:	Confluence, Skype
SDLC:	Agile, Waterfall
Operating Systems:	Linux, RHEL, Ubuntu, Windows 98/XP/7/Vista/8/10

PROFESSIONAL SYNOPSIS

- Around 4 Years of IT experience using AWS & devops
- Worked on Amazon Web Services (EC2, VPC,IAM,S3,ELB,Auto Scaling,SNS,ElasticBeanstalk,Lambda,RDS).
- Familiarity with AWS networking and routing technologies (VPC, Security groups, NACL, Route53, LoadBalancing and Availability zones)
- Used CloudFormation and terraform to build the infrastructure
- Created **Containers in Docker** .
- Used **CI/CD tools Jenkins, Git**, Jira and Docker registry/daemon for configuration management and automation using **Ansible**
- Created views to show health and performance of the infrastructure, containers, and the applications.
- Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing **Docker** images to the Nexus repository.
- Managed **Kubernetes** charts using Helm. Created reproducible builds of the **Kubernetes** applications, managedKubernetes manifest files and Managedreleases of Helm packages.
- Implemented a CI/CD pipeline involving github, Jenkins,ansible, Docker and Kubernetesfor complete automation from commit to deployment.
- Have good knowledge on python and Lambda boto3 scripts and step functions
- Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
- Experience working with version control systems like Subversion, GIT and used Source code management tool GitHub
- 5months experience in Azure-devops
- Trained staff on **Kubernetes** administration.
- Monitor logs for better understanding the functioning of the system.
- Understanding of general database technologies and maintenance (RDS, DynamoDB)
- Experienced in Bug/Issue tracking tool like **JIRA, Kanban boards**
- Highly capable to quickly learn new technology and adapt to a new environment.
- Ready to take up new Challenges and Roles.
- Strong team player with excellent Inter-personal, written, oral and communication skills.
- Having good analytical skills helped me in finding the Root Cause of the defect andprepared investigation reports for the defects.

WORK EXPERIENCE:

1. Software Engineer in **HCL Technologies, Bangalore** from January 2017 to march 2nd 2020
2. Working as a Software Engineer in **DXC Technologies ,Bangalore** from mar 2020 to till date.
3. Having 4yrs of Aws / Devops engineer
4. 5months of experience in application support engineer
5. Associate Software Engineer in HCL TSS (% HCL Technologies) from 8th July 2016 to 19th January 2017.
6. **Environment:** Linux (RHEL), AWS (EC2, VPC, S3, Auto scaling, SSM, ECS, EKS Cloud Formation), Jenkins, Maven, GIT/GitHub, Amazon RDS, IAM, Docker, Kubernetes, Nagios, Apache Tomcat, Ansible, ECS, EKS, Dev tools

PROJECT DETAILS:

PROJECT SUMMARY

DXC Technologies

- Client Name : Syngenta
- Duration : Mar-2020 to tilldate
- Build and release EC2 Instances Amazon Linux, windows for Development and Production Environment
- Worked extensively with AWS services like EC2, S3, VPC, ELB, AutoScalingGroups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, Terraforms, CloudFront, SNS, and RDS, ECS, Lambda, Step functions, EKS
- Migrated few Cloud formation templates to Terraform by using various AWS modules and Secured the Terraform state file in S3 buckets. Detected and analyzed the changes that will be inflicted after Terraform Apply using Terraform Plan.
- Experience in Setting up the build and deployment automation for terraform scripts using jenkins
- Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
- Experience in Deploying and monitoring Microservices on various platforms like AWS ECS , Kubernetes. Developed Kubernetes Pod definitions, Deployments and used Helm Charts to version control complete deployment strategies.
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch and Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
- Expereince in Setting up build and deployment automation for terraform scripts using Jenkins
- Automated the build and release management process with CI/CD across Dev, QA, Staging and Production environments including monitoring changes between releases.
- Implemented a Continuous Delivery pipeline with Docker, and GitHub and AWS
- Experimented with Docker, by using Docker-compose
- Identify, troubleshoot and resolve issues related to build and deploy process.

HCL Technologies

- Client Name : Detuch bank, Aviva Italy, JFC, University of Sydney
- Duration : Jan-2017 to Mar-2020
- Experience with Amazon Web Services Creating, configuring and Managing EC2, RDS, S3, EBS, ELB, IAM, VPC, Cloud Formation, Route-53, Cloud Watch, SNS, Lambda, Step functions,ECS,EKS,Dev tools,SSM
- Experienced in migrating servers from data center to Amazon Web Services cloud
- Implemented Infrastructure as a code using Cloud Formation.
- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS.
- Implemented AWS high-availability using AWS Elastic Load Balancing (ELB), which performed balance across instances in multiple availability zones.

- Implemented S3Bucket life cycles.
- Experienced in creating various metrics, alarms and notifications for servers using AWS CloudWatch
- Experience working with version control systems like Subversion, GIT and used Sourcecode management tools GitHub
- Worked on infrastructure with Docker containerization and maintained Docker Images and containers.
- Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker- registries and Kubernetes.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers
- Installation and setting up kubernetes cluster on AWS manually from scratch.
- Created Kubernetes deployment, statefulsets, Network policy etc
- Created and Implemented branching & merging strategy with multiple branches.
- Implemented a CI/CD pipeline involving Jenkins, Ansible, Docker for complete automation from commit to deployment.
- Using Jenkins AWS Code Deploy plugin to deploy to AWS
- Knowledge of Software Development Life Cycle Methodologies Waterfall, and **Agile**.
- Automated the build and release management process with CI/CD across Dev, QA, Staging and Production environments including monitoring changes between releases.
- Created Jenkins CICD pipelines for continuous build & deployment and integrated Junit and SonarQube plugins in Jenkins for automated testing and for Code quality check.
- Knowledge on bug tracking tool like JIRA.
- Identify, troubleshoot and resolve issues related to **build** and deploy process.

PERSONAL PROFILE:

Father Name:
V.Nagaraju
MotherName:Bharathi
Place:Visakhapatnam
D.O.B:05-07-1994
Nationality:Indian

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place:Bangalore**V.Prudhviraju**

