

Mohd Adil

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Career Objective

To leverage my expertise in Technology and Business in creating value from Strategy or Innovation activities in the internet and digital domain. Contribute towards balancing both tactical and strategic perspectives in ensuring long term growth and profitability with organization.

Education

SRMS College of Engg. And Technology Bachelor of Technology , Computer Science(2012-2016)

Mahatma Gandhi Inter College(High School) 2006-2008

HN Inter College(Intermediate) 2008-2010

Key Projects

1. Nodejs and Java Environment Setup(Docker and Kubernetes)

Setup and build Nodejs and JAVA Docker base image for running highly extensible business works applications. Using Nodejs and Tomcat base image build micro-services with an API-first approach and deploy them to cloud native platforms Kubernetes to support high availability and scalability.

2. Blockchain Ethereum Private Network on AWS

Installed and configured clusters of boot nodes ,mining nodes on AWS premises using EC2,ELB,VPC,RDS and Lambda.

3. Automate Apache and WebLogic Installation and Configuration

Automate the apache, WebLogic installation and patching activity on AWS instances using Chef opscde. The installation and configuration of the JDK, WebLogic and Fusion Middleware (FMW) software. WebLogic & FMW patching, creation of domain and extend the domain with ADF/JRA, SOA suite , Service Bus, Webtier etc.

4. CI/CD Pipeline on AWS CodePipeline

Helped to build ECS CI/CD pipeline on AWS using AWS codePipeline, codeBuild and codeDeploy.

In this project build Dockerfile and push image to ECR using buildspec.yml file and deploy image to ECS service in blue green manner.

5. TIBCO Infrastructure on AWS ECS

Build and configure the TIBCO Business works infrastructure on AWS using AWS services such as ALB, VPC, ECS, EC2, AutoScaling,EBS and S3. Used TCI-BW image from AWS marketplace to build the TCI-BW application server on EC2 instances running in the ECS clusters. Used TIBCO BWCE Docker image to build the BW application server running in the ECS clusters and supporting auto scaling of EC2 instances.

6. Middleware Administrator

Worked as a middleware admin on various tools like Weblogic, jboss, tomcat, fuse, apache and TIBCO. In this role installed, configure and upgrade application. Setup the domain in Weblogic and TIBCO to configure managed servers. Also supported maintenance activities of these tools like patching and troubleshooting.

Work experience

Tata Consultancy Services

From November-2016

To February-2020

DevOps Engineer

- 3 years of experience with administering, implementing, and supporting complex applications of leading USA based pharmacy on AWS.
- Solid experience with Linux(RHEL, CentOS and Ubuntu) administration .
- Experience with Continuous integration tool Jenkins.
- Ability to automate the provisioning and configuration of cloud-based environments with configuration management tool Chef.
- 2 years of experience in working hands-on with AWS inside production environments.
- Created Chef coding best practices for existing development team.
- Created backend infrastructure using AWS ECS for nodejs and php application.
- Worked on deploying php and nodejs application on EC2 with ALB and auto-scaling.
- Create documentation for Chef best practices to be used by developers as a guide to Chef Automation.
- Worked on GIT version control for tracking changes in source code.
- Worked on AWS EKS cluster for deploying highly available nodejs application.
- Experience in Rest and Soap Services.
- Responsible for implementing the pipeline using codepipeline and codebuild.
- Php and nodejs Deployments and troubleshooting the application.
- Develop automation code using Opscode Chef and Ruby to build Openstack environments autonomously.
- Automate the ORACLE use cases like installation database creation and patching using Chef.
- Coach mentor and train developers in Opscode Chef and autonomously provisioning instances in a virtual environment.
- Experience in creating Docker Containers leveraging existing Linux Containers and AMI's in addition to creating Docker Containers from scratch.
- Impart technical knowledge to team members.
- Daily Handover calls and weekly status meeting.
- Integration of various applications using middleware technology.

QA Infotech

From February 2020

Till Now

Cloud DevOps Engineer

- Assist in design and deployment of Workday in the Public Cloud.
- Assist in server and network administration in corporate data centre and Amazon cloud.
- Core Unix & Network Administration across Linux environments.
- Create and implement automation for cloud platforms as well as monitoring and alerting purposes.
- Ability to design high availability applications on AWS across availability zones and availability regions .

- Implement systems that are highly available, scalable, and self-healing on the AWS platform.
- Deploying, managing, and operating scalable, highly available, and fault tolerant systems on AWS .

Software Skills

- Docker, Kubernetes, Chef
- AWS: S3, ECS, EKS, CloudFront, VPC, RDS, CloudWatch, IAM, ELB, EC2, Auto scaling, Route53 and Lambda
- Ruby, Python and Shell Scripting
- RHEL7,8, Ubuntu
- Weblogic ,Tomcat ,JBoss ,Apache and Tibco administrator.
- Nagios, Elasticsearch, Kibana and Filebeat
- Blockchain GO-Ethereum
- CodePipeline, CodeBuild, CodeDeploy, Github Actions and Jenkins
- MYSQL and MongoDB

Tools : Putty, MS Office, Toad, SQL Developer, TFS, Soap Test Tool, WINSCP , WINMERGE, Vi editor, Runit.

Other Activities & Certifications

- Organized Inter-college Cultural Festival- Blaze'15 [March 21,2015 | Unnao]
- Worked as a co-ordinator of technical committee in College [July,2013-July,2014]
- Training on JAVA & SQL Server at Tata Consultancy Services, Trivandrum [November, 2016 | Trivandrum].
- Received On the Spot Award at Tata Consultancy Services, [August,2017]
- Held the position of Dramatics Chairperson in SRMSCET [Oct,2014-Aug,2015]
- Won Second Prize in Dramatics Competition held at college level continuous three year.