**GOUTHAM Email:** [**chamagoutham92 @gmail.com**](chamagoutham92%20HYPERLINK%20%22mailto:chamagoutham92@gmail.com%22@gmail.com)

**Mobile: 9966838710**

Having 4**+ years** of totalexperience in areas of build and release engineer /DevOps Engineer (AWS & AZURE)on web applications and database and automating, building, deploying, and releasing of code from one environment to another environment on windows based distributed infrastructure. Software configuration and DevOps Methodologies. Deploying java/j2ee and DOT NET applications and setting up and maintaining CI & CD pipelines.

**Professional Summary:**

* Implemented a CI/CD pipeline involving Git, Jenkins, VSTS, Azuredevops for complete automation from commit to deployment.
* Hands on experience in automating Continuous Integration and Continuous Deployment pipeline using Visual Studio Team Services (VSTS)
* integration within a development environment using tools such as Jenkins, VSTS, Git.
* Hands on several Docker components like Docker Engine, Hub, Machine, creating Docker images, Compose, Docker.
* Hands-on experience with Docker Containers for application deployment.
* Experience in Azure Cloud services (Classic portal)
* Experience in creating, configuring and maintaining Amazon EC2 virtual private servers.
* Experience in Cloud watch, Elastic IP and managing AWS infrastructure, Security Groups on AWS.
* Worked on AWS Elastic Beanstalk for fast deploying of various applications
* Involved in building security model, VPC, Elastic IP for databases on Cloud platform.
* Creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Configured security group for EC2 Created S3 backups using versioning enable and moved objects to amazon glacier for archiving purpose.
* Involved in building security model, VPC, Elastic IP for databases on Cloud platform.
* Hands on experience on deploying applications from on premises server to the AWS cloud infrastructure.
* Experience working with version control systems like GIT and TFS used Source code management tools.
* Hands-on experience using Maven & MS BUILD as build tool for building of deployable artifacts from source code.
* Configuring Windows 2012& 20012R2 Server machines as Domain Controller.
* Knowledge of Software Development Life Cycles Methodologies Agile.
* working knowledge of **AWS cloud services** ( EC2 , S3 , cloud watch , IAM , AMI)
* Experience in implementation of Office 365 and Azure Active Directory for single sign-on, authentication, authorization and Azure Role-based Access Control. Deployment of AD, Identity & Access Management,
* Experience in creating, configuring and maintaining  AZURE VMS virtual private servers.
* Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, and reviewing system and application logs.
* Provided server maintenance and installation, desktop deployment and maintenance, and end user support.
* Experience in Software Analysis, Design, Development, Deployment and Implementation in Enterprise applications.
* Manage disaster recovery and create backups.
* Knowledge in business continuity, project management, generating production reports, electronic forms design, and tracking goals.
* Windows 2012& 20012R2 Server machines as Domain Controller. Creating user account, groups, folder permissions. Managing local users and groups, files and folders
* Managing and implementing various services (DNS, DHCP,IIS, Group Policy).

**Technical Expertise:**

* DevOps Tools: **VSTS , Jenkins**, Docker ,TFS, Ansible
* Web/Application Servers : Tomcat, IIS web server
* Build Tools : Maven, MS BUILD, NPM
* Version Control: Git
* Source Control Management Tools: Git,TFS
* Bug Tracking Tools: TFS,Redmey
* Cloud Platforms: Amazon Web Services, AZURE
* Monitoring Tools: AWS Cloud watch.
* Scripting:  Shell, Bash and Yaml
* Operating Systems: Linux, Windows

**Professional Experience:**

* Working as a **DevOps Engineer** in **STERIC INFOTECH PVT LTD, Hyderabad** from July, 2016 to till date.

**ACADEMICS :**

Qualifications : B.Tech.

University : JNTU

**Project #: 3**

**Domain: E-DISCOVERY**

**Client: Optimum vertical discovery**

**Duration: March’2017 – till date**

**Role: Devops Engineer**

**Roles and Responsibilities:**

* Managed daily builds and releases to all the environments.
* Experience with Managed environments DEV, QA, UAT and PROD for various releases and designed instance strategies.
* Experience in deploying using Azure.
* experience on **VSTS** and **AZURE DEVOPS**
* Experience with Microsoft Azure Administration
* Knowledge of various Cloud service models, including IaaS, PaaS, and SaaS and supporting deployment models, including Private, Public.
* Involved in the process of hosting/deploying the entire application in to Microsoft Azure Cloud
* IIS web server deployments on SIT, UAT and Production.
* Generating and configuration of SSL certificate in IIS
* Creating Websites and appools in IIS
* Hosting a website in IIS
* Installing IIS and ASP.NET modules, configuring server and adding ASP.NET Applications via command line
* Software Configuration management (Automate CI & CD pipe using VSTS & GIT
* Work on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage (Blobs).
* Moderate and contribute to the support forums (specific to Az Networking, Az Virtual Machines, Az Active Directory, Az Storage)
* Build and Release Engineer Supported engineering plans and schedules by providing CICD/Release Engineering services to build, deploy, develop scripts.
* Creating the automated for the micro services for applications.
* Installing IIS and ASP.NET modules, configuring server and adding ASP.NET Applications via command line.
* Involved in Staging, Production Builds and Releases.
* Responsible for Development, Unit and Integration testing, System and User Acceptance Testing.
* Configure VM instance auto scale scenarios by analyzing Windows Azure Diagnostics (WAD) metrics.
* Responsible for developing Build scripts and maintaining current build systems.
* Responsible for Continuous Integration environments like **VSTS**
* Managed build and deployment Power-shell scripts using to transfer from one environment to other environments.
* After deployment run a high smoke test on application and raising a Bugs.
* Creating a Environment and Deploying application on Hyper-v
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production
* Taking the backups and restore of the sql Databases. Creating Dac-pac to automate the MS-sql Database
* Providing security using azure DB firewalls**.**
* Software Configuration management (Automate CI & CD pipe using VSTS &GIT)
* Created Branch Policies, Security and Deployment Group Approvals.
* Creating windows installers for application with Powershell.
* Configuring and Deploying IIS Server based on application requirements.
* Creating a Website Services and doing encrypting the passwords on IIS Webserver.
* Having experience in Windows Administration tasks and Azure Cloud Platform
* Writing a Build Definitions, Release definitions
* Experience on Following Agile Methodology**.**
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production
* Experience on VSTS for creating bug tickets

**Project #: 2**

**Domain : Education**

**Client : Black board**

**Duration : Aug’2017 – June’2017**

**Role : Build & Release Engineer**

**Roles and Responsibilities:**

•        Experience on various tools like **TFS, Jenkins**, Gitlab, Docker, Artifactory and executed maintenance tasks such as creating users and groups.

•       Helped the project in creating the company's DevOps strategy in a mix environment ofLinux (Ubuntu) servers along with creating and implementing a cloud strategy based on Amazon Web Services.

•       Documented the entire installation process for various tools and provided on-call support.

•       Implemented a CI/CD pipeline involving Git,**TFS, Jenkins**, Docker tocomplete the automation from commit to Deployment.

•         Used MAVEN as build tool on Java projects for the development of build artifacts on the source code and build Projects using Maven.

•        Hands on with Ansible to deploy automated tasks to many servers at once.

•        Integrated GIT into Jenkins to automate the code check-out process.

•        Hands onShell and Groovy scripting for automating tasks in Jenkins.

* Created AWS EC2 instances for installing, configuring and troubleshooting on various Amazon images like Amazon Linux AMI,and Ubuntu.
* Installed and configured applications on AWS EC2 instances and stored them in S3 buckets, life cycle policies to backup and archive files in Glacier.
* Managed IAM policies, providing access to different AWS resources, designed and refined the workflows used to grant access.
* Used Docked-Compose, Docker-Machine to create Docker containers for Testing applications in the QA environment and automated the deployments.
* Integrated GIT Code commit with **Jenkins** for continuous integration and deployment, this automates the deployment of new revisions of applications i.e., whenever there is a code change, Jenkins used to build the WAR file and deploy to the Application Server (AWS EC2 instance).
* Developed build and deployment scripts using **MAVEN** as build tool and automated the build and deploy processes using Jenkins to move from one environment to other environments. and Used GIT as Source code repository.
* Configured git with **Jenkins** & automated the build process through SCM polling.
* Expert in deploying the code through web applications servers like Apache Tomcat/IIS configuration and display of performance data.
* Used Maven as a build tools on java projects for the development of build artifacts on the source code and maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Worked with best practices and processes Agile scrum methodology
* Responsible for all aspects of the Software Configuration Management process including Code Compilation, Packaging, Deployment, Release Methodology and Application Configurations.
* Worked on Jenkins by creating and scheduling jobs and Builds and deployments using them.
* Responsible for building Jenkins master and slave nodes and involved in plugin Git and schedule jobs using Poll SCM option
* Install and configure and maintained application/web servers like **Tomca**t and **IIS**

•        Configured security group for EC2

•        Automated the build and release management process including monitoring changes between releases.

•        Hands on experience with TFS for creating bug tickets

•        Worked with globally distributed agile teams and delivering security software to reduce risk throughout the software lifecycle.

**Project: 1**

**Environment : SQL Server 2000, 2005 & 2008, Windows 2003**

**Role : Associate Windows Administrator**

**Duration : FEB’2016 – MAR’2017**

**Client : CentraView**

**Team Size : 12**

**Description:**

CentraView is Centralized Business Management (CBM) software and services Company. It has many CBM software products and it also provides services to its clients. CBM software App suite involves many key critical and sub-applications and the database services are provided by both SQL Server and MySQL. We have internally two teams to support SQL Server and MySQL. Our SQL Server team provides database administration for all applications that use SQL Server as backend. We perform database monitoring and ensure high availability of database(s) and hence-forth the applications.

**Roles & Responsibilities:**

* working knowledge of AWS cloud services ( EC2 , S3 , cloud watch , IAM , AMI)
* Configured security group for EC2 Created S3 backups using versioning enable and moved objects to amazon glacier for archiving purpose.
* Experience in creating, configuring and maintaining  AZURE VMS virtual private servers.
* Involved in building security model, VPC, Elastic IP for databases on Cloud platform.
* Installed and configured applications on AWS EC2 instances and stored them in S3 buckets, life cycle policies to backup and archive files in Glacier.
* Generating and configuration of SSL certificate in IIS
* Research and identify solutions to software and hardware issues
* Configuring and Deploying IIS Server based on application requirements.
* Configured security group for EC2
* Hands on experience on Firewall third party tools like sophos, pf sense
* Track computer system issues through to resolution, within agreed time limits
* Ensure all issues are properly logged
* Have Basic knowledge on LAN, Connectivity related issues, Routers configuration, Firewall
* Configuration, Printer related troubleshooting and connectivity issues.
* Prioritize and manage several open issues at one time
* Follow up with clients to ensure their IT systems are fully functional after troubleshooting
* Prepare accurate and timely reports
* Document technical knowledge in the form of notes and manuals
* Maintain jovial relationships with clients
* Configuring Windows 2012& 20012R2 Server machines as Domain Controller.
* Creating user account, groups, folder permissions.
* Managing local users and groups, files and folders
* Managing and implementing various services (DNS, DHCP,IIS, Group Policy).
* Adding, removing, or updating [user account](http://en.wikipedia.org/wiki/User_account) information, resetting [passwords](http://en.wikipedia.org/wiki/Password), etc
* Applying [operating system](http://en.wikipedia.org/wiki/Operating_system) updates, patches, and configuration changes.
* [Troubleshooting](http://en.wikipedia.org/wiki/Troubleshooting) any reported problems
* Managing Domain User and Groups.
* Performing Backups using Windows Backup.
* Monitoring of all servers and operating systems for performance
* Installing, configuring and troubleshooting router.
* Perform ongoing performance tuning, hardware upgrades, and resource optimization as required. Perform data backups and execute disaster recovery operations when necessary
* Performing SQL server daily health check and preparing a report based on it.
* Monitoring Disk Space of all the Servers and freeing up space as per SQL Server i.e. Older
* Creating Websites and appools in IISHosting a website in IIS
* Installing IIS and ASP.NET modules, configuring server and adding ASP.NET Applications via command line
* Backups, Unused Files etc.
* Scheduled and maintain routine Jobs, Alerts and Maintenance Plans.
* Applying Service Packs and Security patches for the Servers as released.
* Monitoring the Log Space for successful execution of all the specified jobs.
* Managing backups on a daily basis and recovery (as per request).
* Implementation of SQL Logins, Roles and Authentication Modes as a part of Security policies.

Develop, implement and administer database policies and procedures and provide technical support and assistance to all database end-users.