**Rama Krishna D**

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**Objective:**

**A highly skilled and career minded professional with over 6+ years of experience and looking for a position in the field of Build/Release and Configuration Management/DevOps Engineer. Result oriented individual with proven ability to implement standards, procedures and processes that improve overall build and deployment/DevOps automation processes.**

**Keywords:**

DevOps/Configuration/Build/Release/Deployment management, **GIT, TFS, Ant, Maven, AzureDevOps, Jenkins, TOMCAT, IIS, Kubernetes, AKS, EKS, Docker, Micro Services, Shell, PowerShell, Microsoft Azure, AWS, Terraform.**

**Summary:**

* DevOps implementation for continuous deployment on a distributed clustered environment
* Implementing CI/CD using **AzureDevOps**
* Planning and Implementing **Azure SQL Database**
* Implementing **Azure APP Services** and **Function App**
* Implementing **Azure Active Directory**
* Implementing **Azure API Management**
* Configure Diagnostics, **Monitoring**, and **Analytics**
* Hands on experience on **ARM** templates.
* Configure and Manage Azure Backup and Disaster Recovery Services
* Hands-on experience deploying Docker and **Kubernetes** preferably in an Azure environment.
* Provide automation engineering support using tools such as **Kubernetes, Docker**, container workflows.
* Having good implementation experience with installation and configuration of **AKS** and **EKS,** clustering them and managed online deployments in **AKS** and **EKS**
* Having good implementation experience with installation and configuration of **Kubernetes**, clustering them and managed local deployments in **Kubernetes.**
* Experience in Designing **AZURE** Resource Manager Template and extensive experience in designing custom build steps using **PowerShell**.
* Performed Provisioning of IAAS & PAAS Virtual Machines and Web, Worker roles on **Microsoft AZURE Classic** and **Azure Resource Manager.**t
* Deploying infrastructure with **Terraform**
* Docker deployment using with **Terraform**

**Education:**

Bachelor of Technology (CSC) Under JNTU University Hyderabad in 2009.

**Professional Experience:**

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| **Organization 1** | **SAN INFO** |
| Designation | Devops Engineer |
| Client | Capgemini |
| Duration | Jan 2017 – Till |
| Technologies | AzureDevops, Microsoft Azure, AKS, ACR, Terraform, WebApps, KeyVault, SSIS, SQL, AWS, Shell, Power Shell |
| Responsibilites | * Implemented Java – API CI/CD Pipeline in **Azure DevOps**. * Implemented **SSIS** Package deployment for database using **Azure DevOps**. * Automating **Azure** services using **Terraform & ARM Templates.** * Microservices * Managing and deploying **Docker** containers, scaling up and down deployments, Replication of PODs using **Kubernetes** (Kubectl). * Have used **AKS** service to integrate with CI flow and used to deploy the application to different environments. * Have knowledge on writing **Docker files** for new customized images and have good understanding of pods, Replica sets, Replication controller, deployment services of **Kubernetes**. * Deployment resources of using **ARM** templates * Azure Monitoring. * Implemented installation and configuration of **AKS** and **EKS**, clustering them and managed online deployments in **AKS** and **EKS** * Installation and configuration of **Kubernetes**, clustering them and managed local deployments in **Kubernetes**. * Used **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** Containers. * Proficient with container systems like **Docker** and container orchestration like EC2 Container Service, Kubernetes, worked with **Terraform**. * Building/Maintaining Docker container clusters managed by **Kubernetes** Linux, Bash, GIT, **Docker**, on **AWS** * Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploys. * Working with DevOps practices using **AWS**, Elastic Bean stalk and Docker with Kubernetes. * Changing the AWS infrastructure Elastic Beanstalk to **Docker** with **Kubernetes**. * Automated the Web deployments using **PowerShell** scripts |
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**Professional Experience:**

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| **Organization 1** | **BIRLA SOFT PVT LTD** |
| Designation | Devops Engineer |
| Client | GE |
| Duration | March 2014 – Nov 2016 |
| Technologies | TFS, GIT, SVN, Jenkins, MS Build, SonarQube, Ant, Maven, Nexus, Jenkins, Azure, Kubernetes, Docker, MS SQL, IIS, Tomcat |
| Responsibilites | * Responsible for developing and maintaining build, deployment scripts for test, Staging and Production environments using **MS Build**. * **TFS** and interfaced between development and infrastructure. * Automated builds using **Jenkins** for continuous build integration. * Managed large-scale deployments in stage and production environments. * Designed and implemented **Nexus** binary repository and process. Configured. NuGet files to publish the artifacts into Nexus repository as part of the continuous integration (CI) process. * Set up and managed **Jenkins**’s build farm of mixed Linux, Mac OS, and Windows slaves. * Designed and implemented complete CI process with **Jenkins** and Nexus: Build - * Build, Configure, Manage and Coordinate all Build and Release Management activities. * Expertise with UNIX and Windows environments including python and **Shell** scripts. * Developing build and deploy tools to make smooth pipeline transition from **Dev** to **Production**. * Upgrading **Jenkins** & deploy **Tomcat 7** on the existing applications. Configuring LDAP authentication with the existing software structure (**Jenkins**). * Implemented parallel deployment successfully on the **Jenkins**. * Application administration activities in a Web logic and Web sphere **STE** (Shared technology Environment). Tasks included planning, installation, configuration, deployment and management of platform suite installations and applications built on J2EE technologies. * Deployment of the Business processes by creating **JAR, WAR** and **EAR** files to web sphere Application Server. * Used and Administered Continuous Integration tools **Jenkins, Bamboo** and Build Forge. * Built, configured, and supported Application team environments. * Maintained and upgraded Jira issue tracker and **sonar** into CI pipeline. * Experience Installing, configuring, and upgrading Web logic, **Tomcat** application server. * Implemented & maintained the branching and build/release strategies utilizing Subversion. * Used **Ant, Maven** as a build tools on java projects for the development of build artefacts on the source code. * Managed Version Control Subversion (**SVN**) and **GIT** Hub Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles. * Configured local Maven repositories and multi-component **Ant** projects with Nexus repositories and scheduled projects in **Jenkins** for continuous integration. * Establishing standards for build artifact management and build configuration. Documentation of change management and best practices. * Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels. * Collaborated with Continuous Delivery Framework Team in developing plan to implement Continuous Integration (CI) and Continuous Delivery (CD) for all components and services, and to migrate remaining Subversion projects to Git on Enterprise GitHub repository. * Automated deployment of build artifacts from **Jenkins** into pipeline environments using RPM package management, and internal Yum server. * Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems. * Releasing code to testing regions or staging areas according to the schedule published. * Used **Jira** as ticket tracking and workflow tool. |
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