**Kenani babuTadepalli**

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**Objective:**

To obtain a job in a challenging environment as a AWS/DevOps where I can utilize my experience in Information Technology industry of any domain.

**Professional Summary:**

* 5+ years of Experience in AWS/DevOps in software configuration & release management, building & deploying software.
* Experience in develop, enhance and maintain the build using pipeline, deployment and configuration for continuous integrationand automate regression and acceptance testing using Jenkins.
* Expertise in creating ansible playbooksand deployed multiple applications on across all environments.
* Expertise in continuos delivery tool GOCD.Created GOCD workflows for IIS deployments.Worked on production grade applications,implemented approval gateways and blue-green/rolling/canary deployment strategy.
* Strong hands-on experience in implementing powerShell scripts for automation.
* Expertise in containerizing/managing the applications using Docker and Kubernetes. Worked on ingress controllers/services,enabling tls/ssl certificates and horizontal-pod-autoscale(hpa) for applications,RBAC policies,versioning images,impleneting roll back strategies,managing cluster
* Experience in AWS services :VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch,CloudFront, ElasticBeanstalk.
* Expertise in writing Cloud Formation Templates (CFT) in YAML,to build the AWSservices with the paradigm of Infrastructure as a Code
* Expertise in implementing MSSQL Database deployments.
* Good Knowledge on Python scripting.
* Integration experience with building code using Nant andMSBuild scripts to the build. Expertise in building apps .exe, .ipa (iPhone app), .xap (windows app) and .apk (android) using MSBuild/Nant build Engine.
* Monitored and administered Subversion and creation of Branches/Tags/Trunks as per project requirement and taking regular Backups of the source code.
* Experience in Source Code Maintenance Subversion, Merging, Release labeling and tagging.
* Expertise in developing .exe packages (installers) using NSIS scripting.
* Configuring setup, windows build server for .Net platform/Xamarinstudio(crossplatform)
* Creation of Provision certificates and development certificate for iOS development.
* Hands on experience in deploying of android (apk) and iOS (.ipa) apps on Google play and Apple store.
* Experience in software methodologies like Waterfall model, Agile Methodology. Successful in working with teams for high quality deliverables.
* Release Management for maintain/administrating the Release Notes and distribute the same to the Development and QA Team.
* Good debugging skills have provided result-oriented solutions to my team.

**Education Qualification**

Completed, Bachelors of Technology in Electronics and communication engineering from AKRG (JNTUK), A.P in 2013.

**Technical Skill:**

* Version Control System : GIT Lab,Subversion
* Containerization/Mangement : Docker, Kubernetes
* CI Tools : Jenkins, GOCD
* CD Tools : Ansible,Ansible Tower, CA Release Automation(CARA)
* Cloud : AWS
* Scripting Languages : PowerShell, Python, Shell scripting
* Artifactory : Jfrog, Nexus
* Build Management : NANT, MSBuild
* Operating System : Windows server 8,12, Linux centos7,ubuntu14
* Webservers : IIS, Apache
* Packaging tools : Installshield, Nsis
* Programming Languages : C#
* Database : MSSQL,MYSQL

**Work Experience:**

* Working as DevOps Engineer at ValueLabs Solutions Pvt. Ltd Hyderabad from July 2018 to till date.
* Worked as DevOps at MHS India Private LTD from Aug 2015 to July 2018.

**Project-1:**

* Company : ValueLabs
* Client : Healthgrades
* Role : Devops engineer
* Technologies:AWS,Docker,Kubernetes,jenkins,Ansible,Powershell,GitLab, JFROG Artifactory,Sonarqube
* Duration: Oct 2019-till date

**Synopsis:**

 Healthgrades Operating Company Inc., known as Healthgrades, is a US company that provides information about physicians, hospitals and health care providers.Healthgrades has amassed information on over 3 million U.S. health care providers.The company was founded by Kerry Hicks, David Hicks, Peter Fatianow, John Neal, and Sarah Lochran, and is based in Denver, Colorado. According to USA Today, Healthgrades is the first comprehensive physician rating and comparison database.The application is part of a trend in health technology in the United States towards consumer-driven healthcare.

**Roles & Responsibilities:**

* Lead the effort to build out continuous integration and automated deployment pipelines in all aspects of applications
* Interacting with Clients/stake holders (Dev and Ops teams) for getting the requirements and will make them understand the developed workflows.
* Design,implemented solution for KOPS kubernetes setup in AWS using services EC2,s3,vpc,ELB,security groups,Autoscalling,Route53.
* Implementing ingress controllers/services,enabling tls/ssl certificates and horizontal-pod-autoscale(hpa) for prod applications on kubernetes.
* Adding RBAC policies,versioning images,impleneting roll back strategies,managing Kubernetes cluster.
* Build and Deploy dotnet,angular,nodejs,java,python applications in kubernetes cluster.
* Create jenkins CI pipelines for all stages.
* Developing playbooks for rolling deployments using Ansible.
* Develop dockerfiles for builing applications.
* Develop kubernetes definition files for configuring apps in kubernetes cluster. And manging applications cluster,users in KOPS/Rancher.
* Used TF templates for creating clusters in AWS.
* Creating users/roles in RDS (postgress and mysql)
* Manage AWS resouces EC2,S3,CDN, Rout53,security groups,NACL,Elasticbeanstalk,Autoscalling,Load balancer,VPC,Subnets,RDS
* Maintaining high availability and fault tolerance of all the machines and monitoring them.

**Project-2:**

* Company : ValueLabs
* Client : United airlines
* Role : Devops engineer
* Technologies:GOCD,Docker,Kubernetes,Ansible,Powershell,AWS,CA Release Automation(CARA),

 GitLab, JFROG Artifactory, IIS,Nexus.

* Duration: July 2018-Oct2019.

**Synopsis:**

 United Airlines, Inc., commonly referred to as United, is a major United States airline headquartered in Chicago, Illinois. United operates a large domestic and international route network, with an extensive presence in the Asia-Pacific region. United is a founding member of the Star Alliance, the world's largest airline alliance with a total of 28 member airlines.

**Roles & Responsibilities:**

* Lead the effort to build out continuous integration and automated deployment pipelines in all aspects of applications
* Interacting with Clients/stake holders (Dev and Ops teams) for getting the requirements and will make them understand the developed workflows.
* Design,implemented solution for KOPS kubernetes setup in AWS using services EC2,s3,vpc,ELB,security groups,Autoscalling,Route53.
* Build and Deploy dotnet,angular,nodejs,java,python applications in kubernetes cluster.
* Create jenkins CI pipelines for all stages.
* Developing playbooks for rolling deployments using Ansible.
* Develop dockerfiles for builing applications.
* Develop kubernetes definition files for configuring apps in kubernetes cluster. And manging applications cluster,users in KOPS.
* Design,implement and test GOCD ,CI/CD pipelines using powershellscripts for IIS deployments across all enironments.
* Maintaining high availability and fault tolerance of all the machines and monitoring them.
* Coordinate with Release Management regarding appropriate system releases among other development platforms.
* Integration of continuous DB deployments on MSSQL server
* Involved in production cutovers and promoting the QA build’s to PROD environment.

**Project-2:**

* Company : Management Health Solutions India Private ltd.
* Client : Atpar
* Role : Devops engineer.
* Technologies : AWS,Jenkins, Ansible tower, powershell, subversion nant,MsBuild, subversion , Shell

 scripting,NSIS,Linux, IIS, Mssql server,windows server 8,12

* Duration : August 2015 to July 2018.

 **Synopsis:**

 Atpar product is a Warehouse management and distribution management systems especially designed for Hospitals to manage the stock using Hand Held Devices. The various products that are a part of Atpar solutions are Cart Count, Cycle Count, Receive, Pick Plan, Deliver, Putaway, Stock Issue and Point of Use. @Par Wireless Supply Chain Management leverages on the hospitals existing enterprise WLAN infrastructure and Enterprise Information Systems. It empowers their mobile users with easy-to-use applications at the point of activity.

**Roles & Responsibilities:**

* Provisioning of servers using Cloud formation templates.
* Creating and managing Ec2 instances.
* Managing IAM users.
* Managing VPC,security groups,NACL rules.
* Setting up the new build environment for various products in Windows Server environment.
* Creation and setting up of Subversion (SVN) repositories in Linux.
* Involved in Subversion administration.
* Enabling SVN Hooks, taking SVN Backups.
* Involved in creating Branching, Tagging of code delivery at required releases.
* Recommendation of SCM/Build/Release Process.
* Creation of build server (Windows Server 2012/Mac) for building .Net applications.
* Creation of MSBuild and Nant files for building .Net applications and achieving .exe, .apk, .ipa and .xap artifacts
* Involved in administrating Jenkins. Used Jenkins Pipeline for parallel building of projects.
* Hands on experience on creating build automation scripts using Powershell.
* Maintained and enhanced build and deployment scripts (PowerShell, vbscript, Autoit, Nsis) and tools.
* Experience in packaging the exe using NSIS scripting
* Configuring and deployment of applications in IIS.
* Configuration management tool Ansible used for deployment of application in multiple

 Windows servers and installing its prerequisites.

* Hands on experience in deploying of android and iOS apps on Google play store and apple store.
* Interacting with developers to sort out issues related to Build Automation.
* Inputs to planning and estimation for configuration and release management
* Activities.
* This involves exploring new tools and plan for release & configuration management
* Process designing and implementations.
* Co-work with the globally distributed Development team to fix the build related issues.
* Promoting code from one Environment to another Environment.
* Development of shell scripts for automation of existing manual processes.
* Involved in the deploying the applications in QA, UAT and production environments.
* Administrating bug tracking tool Mantis
* SVN administration for creation of users, giving permissions etc.
* Release Management and Release notes preparation, for maintain/administrating and releasing the patches to clients.

**DECLARATION:**

 I, hereby declare the above mentioned details are true to the best of my Knowledge and Belief.

 (Kenani Tadepalli)