Kranthi Mekala ⭐ Featured

Highly motivated passionate having around 6 years of experience in several phases of the software development life cycle where my main area of expertise & specialized skills is in Build & Release Engineering that includes DevOps.

Current Designation: **DevOps Engineer**

Current Company: **Capgemini India Pvt LTD**

Current Location: **Hyderabad / Secunderabad**

Pref. Location: **Hyderabad**

Functional Area: **IT Software - Application Programming / Maintenance**

Role: **Software Developer**

Industry: **IT-Software/Software Services**

Marital Status: **Married**

Total Experience: **6 Year(s) 0 Month(s)**

Highest Degree: **MCA [Computers]**

Key Skills: DevOps Engineer,Software Developer,Software Engineering,Software Configuration Management,Release Management, Project Management,Incident Management,Requirement Gathering,Technical Support,Cost Optimization,Kubernetes, Jenkins,Oracle, MySQL, SVN, AWS

Verified :   **Phone Number |**   **Email - id**

Last Active: 18-Jan-21   Last Modified: 18-Jan-21

Summary

* Highly motivated passionate having around 6 years of experience in several phases of the software development life cycle where my main area of expertise & specialized skills is in Build &Release Engineering that includes DevOps, Build Automation & Management, Software Configuration Management, Release management, Continuous Integration and Continuous Delivery.
* A next-gen Build and Release/Devops engineer to help accelerate adoption of scale out technologies within the global hybrid infrastructure.
* Sound knowledge in DevOps area covering all the 4 pillars: Build & Release Management, Software Configuration Management, Environment management, and Tools integration.
* Excellent understanding of DevOps methodologies and implemented DevOps practice for Large Scale product development, Software Configuration Management, Build & Release, Infrastructure Management and tools Management.

Work Experience

Capgemini India Pvt LTD as DevOps Engineer
Oct 2016 to Till Date

* Engaged as DevOps Engineer, I am responsible for Migration of Monolothic Application to Microservices based out of GCP & AWS
* Responsible for the entire build process including the creation of build scripts, deployment scripts and keeping them consistent and up-to-date.
* Defined and drive end-to-end agile DevOps with automation for software development life cycle using the right tools and process
* Responsible for implementing CI/CD for Containerized applications using Jenkins
* Responsible for Provisioning of Cloud Infra using Terraform & used Consul for remote state management
* Responsible for defining & implementing Kubernetes setup for Microservices application. We have used Flux for performing deployments to Kubernetes
* Responsible for implementing service mesh using ISTIO
* Implemented Vault & Consul for Secrets Management & Service discovery in Kubernetes based applications
* Responsible for Security patching of Cloud Infrastructure
* Implemented Aqua Sec Products for Docker container security
* Administer GIT repository
* Responsible for Maintaining & Defining Cloud Infra like EC2 Instances, VPC, Cloud Watch, Autoscaling& Storage services in AWS

* Responsible for Managing Enterprise Puppet for Configuration management.
* Responsible for Cloud Cost Optimization
* Responsible for Jenkins administration, it includes setup of Jenkins Pipeline Jobs &Configuration of CI/CD for Containerized applications
* Responsible for implementing Monitoring solution for Kubernetes based applications using Prometheus, Grafana & App Dynamics and used Splunk for Log Analytics
* Responsible for automating day to day activities using Shell scripts
* Responsible for creating dashboards for proactive monitoring & dashboards for executive leadership teams

Project Title: William Sonoma Cloud Migration
Client: William Sonoma
Offshore Team   size: 8
Technologies: Linux, AWS, Terraform, Puppet, Jenkins, Flux, Kubernetes, Prometheus/Grafana
Duration: Nov 2016 to Till date
Project Description: William Sonoma is a Consumer retail company in US that sells Kitchenwares and home furnishings. This project was about migration of Monolithic application to Microservices using Kubernetes
Roles:
* I am part of DevOps team that helped William Sonoma in their Digital Transformation. As part of this Digital Transformation initiative we have migrated their Monolithic application to Microservices based out of docker & Kubernetes
* I am part of DevOps scrum team and primarily work on Sprint tasks that are assigned to me as part of this DevOps transformation initiative
* Played key role in setting up of CI/CD of Kubernetes application using Jenkins, Packer, Terraform & used Argo Flux for CD
* Implemented Consul, Vault and packer for service discovery, secrets management for Containerized applications.
* I am responsible for provisioning of infrastructure in Cloud using Terraform. Implemented Terraform with Consul for remote state management.
* Worked with different Cloud providers like AWS & Azure
* In AWS, I am responsible for EC2 instances provisioning, VPC, Implementing Autoscaling, Storage, Monitoring & IAM
* Worked with Puppet for Configuration Management, where we used to install software/packages using Enterprise Puppet. We are responsible for writing Puppet Modules for installing JDK, Splunk Forwarders, Agents etc
* I am part of DevOps team that maintains & manages whole Kubernetes infra & applications. We used GKE as orchestration engine for Kubernetes.
* Automated whole Build & Deployment process for Legacy applications & also Containerized applications using Jenkins
* Setup whole monitoring framework for Containerized applications. We have implemented Prometheus, Grafana for Monitoring Kubernetes applications
* Configured ELK & also Splunk for log analytics for Containerized applications.
* Setup High availability for Jenkins, Prometheus & Grafana
* Implemented Dynamic Slaves in Jenkins for executing Jenkins Jobs.

Triculin Technologies Pvt Ltd as Software Engineer
Aug 2014 to Oct 2016

Project Title   : ASOS Online Web Portal
Client   : ASOS UK
Offshore Team   size   : 6
Technologies   : Java, Apache, Tomcat, Linux, Maven, GIT, Jenkins, Shell scripting
Duration   : Oct 2014 to Sep 2016
Project Description   : ASOS.com is the UK's largest online-only style and beauty retail store, carrying over 50,000 branded and own label product lines across women's wear, men's wear and accessories. ASOS.com allows visitors to narrow their search by trends and collection, as well as provides an online market place where you can buy and sell pre-owned vintage. In addition to ASOS.com's vast social media presence (twitter, Facebook, Pinterest etc), the recently introduced "Fashion Finder" provides an opportunity for consumers to create and personalize outfits, look books and fashion videos.

Roles:
* My main responsibilities involves Taking care of Monitoring, Regular Build and deployment Activities
* Responsible for the Build task monitoring activities on several environments for dev/live/test environments. Infrastructure Health Check up / Monitoring. Converted and automated builds using Ant. Scheduled automated nightly builds using Subversion. Maintained Continuous integration effort with Subversion along with scheduled builds.
* Working with Jenkins build/deployment Jobs and fixing issues as and when needed basis
* My activities involve day to day scripting in Shell and some Perl as well to make improvements through automated scripts in the existing systems.
* Installed and Administered Jenkins CI for ANT Builds and implemented LDAP authentication for Jenkins and User Management for Jenkins CI.
* Setting up the new build environment for various products in Linux environment, Implemented the Release practice and responsible for pushing Builds into SYS / UAT /Pre-Production/ Production.
* Perform deployments to multiple environments like DEV, QA, and UAT environments.
* Automate build process used for J2EE applications using one or more tools automation framework like Jenkins.
* Involved in scheduling the automated build called Nightly Builds and Manual Builds.
* Interacting with developers to sort out issues related to Build Automation.
* Continuously working towards improving build automation and the Surrounding processes.
* Configuring Jenkins system and Jobs using build tools like ANT and Maven.
* Perform Automatic application deployment to Tomcat server using Jenkins.

* Providing the access permissions to users on Jenkins and github Repository.
* Resolved the build issues by using log generated at time of build.
* Closely working with architect and involving in the writing of build scripts.
* Involved in Branching, Tagging of code delivery at required releases.
* Responsible for day to day builds and identifying software Inputs to Planning and estimation for configuration and release management.
* Building the application, verifying build logs and if build fails, working with developers to fix the build.
* Implementing and managing the Continuous Integration systems using JENKINS.
* Administration of JENKINS.
* Attended daily scrum calls with the remote team to discuss daily status.
* Manage and maintain multiple environments, ensuring that these environments are properly setup, configured, and available for each project as scheduled
* Worked with Amazon for some basic experiments for CI and deployments as well as some admin related activities.

Education

UG: **B.Sc (Maths)** from **Kakatiya University** in **2008**

PG: **MCA (Computers)** from **Bomma Institute of Technology & Science, Khammam** in **2011**

IT Skills

Skill Name	Version	Last Used	Experience
Windows, Red Hat LINUX, UNIX		2021	5 Year(s)
SVN, GIT, Jenkins		2021	5 Year(s)
MYSQL, Oracle, Tomcat, WAS		2021	5 Year(s)
Kubernetes, Prometheus, Grafana, Splunk		2021	3 Year(s)
Puppet, AWS, GCP, Docker		2021	3 Year(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Proficient			
Telugu	Expert			

Projects

Project Title: William Sonoma
Client: William Sonoma
Nature of Employment: Full Time　　　　　Duration: Nov 2016 - Till Date
Project Location: hyderabad　　　　　Onsite / Offsite: Offsite
Role: Other　　　　　Team Size: 8
Skill Used: Linux, AWS, Terraform, Puppet, Jenkins, Flux, Kubernetes, Prometheus/Grafana
Role Description: I am part of the DevOps team that helped William Sonoma in its Digital Transformation. As part of this Digital Transformation initiative, we have migrated their Monolithic application to Microservices based out of docker & Kubernetes
Project Details: William Sonoma is a Consumer retail company in the US that sells Kitchenwares and home furnishings. This project was about the migration of Monolithic application to Microservices using Kubernetes

Project Title: ASOS Online Web Portal
Client: ASOS

Nature of Employment: Full Time
Project Location: Hyderabad
Role: Other
Skill Used: Java, Apache, Tomcat, Linux, Maven, GIT, Jenkins, Shell Scripting.
Role Description: My main responsibilities involve Taking care of Monitoring, Regular Build and deployment Activities
Responsible for Build task monitoring activities in several environments for dev/live/test environments.
Infrastructure Health Checkup
Project Details: ASOS.com is the UKs largest online-only style and beauty retail store, carrying over 50,000 branded and own label product lines across womens wear, mens wear, and accessories. ASOS.com allows visitors to narrow their search by trends and collection, as well as provides an online marketplace where you can buy and sell pre-owned vintage. In addition to ASOS.coms vast social media presence (Twitter, Facebook, Pinterest, etc), the recently introduced Fashion Finder provides an opportunity for consumers to create and personalize outfits, look at books and fashion videos

Duration: Oct 2014 - Sep 2016
Onsite / Offsite: Offsite
Team Size: 6

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time