KIRAN KUMAR ANKAM

AWS DevOps Engineer

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Having 9+ years of total IT experience in various services Release/Change Release & Implementation Management, with 4+ years of extensive hands on experience in building, deploying and automating cloud infrastructures on AWS.

Professional Summary

- AWS and DevOps professionals adept in all phases of the Software Development Life Cycle with a concentration on Requirements Gathering, Technical Solutions, Enhancement.
- Possess a strong understanding of product development life cycle with comprehensive knowledge of System Study, Design, Client Interaction, Coordination, Development and Implementation of Application software.
- Demonstrated strengths in CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins. Adept in tools such as Jenkins, Maven, Nexus for build management.
- Innate strengths in Configuration Management Tool like Ansible in Agile Projects.
- Well versed with SCM tools like Git for branching, tagging and version management.
- Proficient in Linux Administration (Installation, Configuration & Troubleshooting).
- Amazon EC2 cloud deployments using DevOps tools like Jenkins and Ansible/Docker, Jenkins master-slave for multi-machine builds.
- Adept in delivering container-based deployments using Docker, setting up and managing Docker private repository. Creating custom Docker Images using Docker file, Docker Networking, container clustering using Kubernetes.
- Successfully managing DevOps activities like code build, deployment, and production/ UAT support.
- Results-driven and focused on immaculate work habits, excellent man-management, time management, and leadership skills.

Education

2007-06 - 2009-05	**MBA** IIPM - Hyderabad, India

Technical Skills

Operating Systems: Linux & Windows
Web Server: Apache HTTP Server, Apache Tomcat Server
CI/CD Tools: Jenkins
Build Tools: Maven
Version Control Tools: Git, GitHub
Containerization Tools: Docker, Kubernetes
Configuration Mgmt. Tools: Ansible
Infra Provisioning Tools: Terraform, Cloud Formation Template & Packer
Cloud: AWS
Monitoring Tools: Nagios, ELK Stack & Cloud Watch.
Scripting: Shell

Work History

2018-10 -
Current

Cloud Engineer

IBM India Pvt. Ltd, Hyderabad, India

- Building/Maintaining Docker container clusters managed by Kubernetes.
- Deployed and orchestrated the applications with Kubernetes
- Evaluated Composers for Docker container orchestration.
- Created docker files for easier replication of DEV, QA Environments in local machines
- Extensive experience in setting up the Kubernetes for the Docker to handle cluster-based containers.
- Involved in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like GIT Hub and GIT.
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube.
- Configuring the Day and Night Builds for the sprint teams in Jenkins.
- Writing Playbooks to automate infrastructure using Ansible.
- Configuring CRON Jobs for executing daily activities such as Backup/Archive etc in Ansible.
- Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using Ansible.
- Setup and build AWS infrastructure with various resources like VPC, EC2, S3, IAM, EBS, Route53, Security Group, Auto Scaling.
- Actively involved in supporting the engineering teams regarding CI/Build tools, Environments, and Automation.
- Instrumental in assisting the Development teams in automating the environment setup using tools like Ansible.
- Setup DEV, QA & UAT environments for every release using Ansible.
- Credited with building engineering automation and productivity tools to streamline

deployment pipeline

- Managing patches/software upgrades in servers.
- Setup and maintenance of system-monitoring using Nagios.
- Familiarity with log-monitoring tools Elastic Search, LogStash and Kibana.
- Troubleshoot and resolve issues related to application deployment and operations.
- Participation in project meetings with other technical staff and business owners and subject matter experts.
- Setting up and maintaining monitoring & alert systems for servers.
- Working with various cross-functional engineering specialists, project managers and application development teams to define and implement a cloud-based hosting solution.
- Reviewing the technical architecture requirements to assess the DevOps Activities.

2015-06 -
2018-04

Sr Executive Ops

IMImobile Pvt. Ltd, Hyderabad, India

- Orchestrated the launch and transition to Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Actively involved in the installation of applications on AWS EC2 instances and configured the storage on S3 buckets.
- Credited with performing S3 buckets creation, policies and on the IAM role-based policies and customizing the JSON template.
- Played an instrumental role in implementing and maintaining the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
- Supported Jenkins builds and responsible for the maintenance of Jenkins Ci/Cd pipeline.
- Monitored on-premise infrastructure using Nagios and AWS Ec2 instances using Cloud Watch.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Responsible for managing servers on the Amazon Web Services (AWS) platform instances using Configuration management tool Ansible.
- Worked on the creation and managing of IT infrastructure using AWS Cloud Formation and writing the template file using JSON.
- Managing the multi-tier and multi-region architecture using AWS Cloud Formation.
- Experienced in build and deployment of applications in different environments such as QA, UAT, and Production.
- Coordinated with the Offshore and Onshore teams for Testing and UAT Releases.

| 2010-01 - 2015-04 | **Executive Ops** |
| | IMImobile Pvt. Ltd, Hyderabad, India |

- End to End Responsibilities on the assigned portals and complete ownership on the accounts.
- Managing the complete WAP/SMS and Voice Deck of Operator Branded Portals.
- Initiating the new Business ideas & also initiating the SLA's, Addendums, Agreements and Agreement Renewals.
- Heading the team, allocating the work accordingly and responsible for all their activities
- Responsible for Day to Day activity of the portals and refreshing all segments with the latest content.
- Plan and Propose New Products across VAS Bouquet with regional focus & Ensuring Proper functioning of All VAS Services.
- Working much closely with the operator and interacting with concerned Teams regularly.
- Sourcing the International & Regional Content according to the Client/User Satisfaction.
- Launching the special packages regularly and decking the links, specials on to the proper positions to Enhance the Revenues.
- Presenting the Dashboards and Roadmaps to the management and to the client.
- Issue Resolution and Quick fix solutions.
- Primary Validation and Testing of the New tools, Interfaces before releasing to the Clients & Performing UAT of all the new products and services.
- Initiating for WAP pushes, USSD, SMS blasts and OBD's for Latest content and Special Packages, etc.
- Working closely with Developers and L2 teams for the product development and for issue resolutions.
- Daily Monitoring SMS, Voice, Wap services and applications.