Venkata Sai

DevOps Engineer   Phone: +91 8919632800   Email: venkatsaikumar249@gmail.com

4+ years of experience as a AWS DevOps Engineer Infrastructure (AWS, Azure, Linux, Windows), DevOps (Build & Release Management) with strong background on web applications, APIs, and database administration.

PROFESSIONAL SUMMARY

- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (**VPC**), **EC2**, **S3**, **Route53**, **SNS**, **CloudFront**, **CloudWatch** and **IAM**.

- Experienced in migrating servers from data center to Amazon Web Services cloud

- Dockerized every application and deployed into various containerized orchestration like **ECS** with EC2, **Fargate**, EKS

- Experienced in creating various dashboards, metrics, alarms and notifications for servers using AWS Cloud Watch, **Datadog** and **NagiosXI**.

- Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS.

- Experienced in creating complex caching and routing policies with content delivery network (**CDN**) using **CloudFront** to improve the page speed and TTFB values.

- Experience in self-hosted databases (MySQL, **MongoDB**, MSSQL) DB server installation, creating users, performing dump/restore and taking automated backups.

- Experience working with version control systems like Subversion, GIT and used Source code management tools GitHub, GitLab, **Bitbucket** including command line applications.

- Expertise Build and Release of software projects with **CI&CD** tools like **Jenkins**, Codeship, Bamboo for complete automation from commit to deployment.

- Extensively worked with **serverless** applications. Deployed .Net and Python applications in **AWS Lambda** using frameworks like **serverless.com** and **Zappa**.

- Installed and configured Chef Enterprise and Chef Workstation hosted as well as On-Premise; Nodes; Wrote Recipes, Cookbooks and uploaded them to Chef-server.

- Ability to perform load testing with **Jmeter** and Blaze meter

- Experienced in Bug/Issue tracking tool like **Trello, Clickup**, JIRA.

- Knowledge of Software Development Life Cycle Methodologies Waterfall, and **Agile**.

- Experience on application servers like **tomcat** and **nginx**

- Strong work ethic with good Interpersonal and Organizational skills.

- Ability to work under minimal supervision and guidance

TECHNICAL SKILLS:

SKILL AREA	TECHNICAL SKILLS
CI&CD Tools:	Jenkins,Codeship,Bamboo,circleCI
Version Control:	Git,SVN
Source Management Tools:	GitHub,Bitbucket
Webservers:	Apache Tomcat,Nginx
Cloud Platforms:	Amazon Web Services, Azure
Monitoring Tools:	AWS Cloud watch, Datadog,NagiosXI,
Collaboration Tools:	Slack, Skype, Mattermost
Containerization:	Docker, Kubernates
Database Administration:	MongoDB,MSSql,Mysqll
Bug Tracking Tools:	Trello, ClickUP, Jira
Testing tools:	Apache Jmeter, Blazemeter

PROFESSIONAL EXPERIENCE

Powerweave software solutions   **sep 2018 to Till date**
Devops Engineer
PROJECT: PhiONE

Roles & Responsibilities:
- Developed complete infrastructure from scratch for this project
- Created various servers for applications like .Net, Python (Django & Flask), ReactJS, Java
- Created a new bitbucket server for maintaining source code and make it send every update about code pushes to slack by using webhooks.
- Automated the build and release management process with CI/CD across Dev, QA, Staging and Production environments including monitoring changes between releases.
- Implemented Jenkins for CI & CD across all applications and make it send every update to slack and emails.
- Dockerized all applications and deployed in AWS ECS with ec2 /fargate , and EKS.
- Used Apache tomcat for deploying JAVA web api.

- Implemented nginx servers as reverse proxy servers for basic authentication of several apis
- Deployed and configured Elastic Search, Log stash and Kibana (ELK) for log analytics, full text search and application monitoring.
- Implemented Self hosted Database servers for MongoDB, MSSQL, MySQL and create Users and roles and take daily backups and restores.
- Used Cloudwatch and Datadog to monitor applications in environment.
- Used Apache Jmeter and Blaze meter for load testing on various servers.
- Hands on experience on ClickUP, Trello, for creating bug tickets, workflows, pulling reports from dashboard, creating and planning sprints.
- Maintained documentation for entire installation process for various tools.
- Provided periodic feedback of status and scheduling issues to the management.

Environment: AWS (EC2, Beanstalk,ECS,VPC,Route53, Lambda, ES, Cloudwatch), Git, Bitbucket, Jenkins, Tomcat, Nginx, MongoDB, mySQL, MSSQL, Clickup, Trello, Ubuntu and Win

MindTree Ltd   **Aug 2015 to Aug 2018**
Senior Software Engineer
Client: Bank of Ireland

Roles & Responsibilities:
- Worked on tools like jenkins for build and deployments performed on Tomcat servers.
- Creating WAR/JAR files using maven scripts through Jenkins
- Installing and configuring GIT, Maven, Docker and Chef though Jenkins for Deployment and automation
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
- Working on SVN and Jenkins administration related tasks.
- Creating new branches in SVN and creating new jobs in Jenkins as per the project
- Build and configured Jenkins slaves for parallel job execution.
- Using configuration management tools like Chef and Ansible for configuring multiple servers
- Using Chef to write cookbooks and creating roles for scalability and reusability.
- Using Containerization technology (Docker) to create container for multiple packages.
- Implemented NagiosXI to monitor all applications and all virtual servers.
- Installed servers and load balancers in virtualization technology by using VMware.
- Used Nginx to balance the load across virtual servers
- Troubleshooting the compilation errors and provide the technical support to the development team.

- Worked closely with developers to pinpoint and provide early warnings of build failures.
- Troubleshooting application related issues by log verification.

Environment: VMware, AWS **(**EC2, Lambda, EBS, Autoscaling, CloudFormation, Cloudwatch, s3, Cloudfront, Apigateway, Code commit, Codebuild, Code deploy**),**GIT,SVN, Jenkins, Bamboo, Tomcat, Httpd server, Nginx, NagiosXI, Docker, Virtualbox, Mysql, Codeship, Jira

CERTIFICATIONS:

- A six week industrial training on Linux administration conducted in CDAC
- Completed AWS technical Essentials Online certification course

EDUCATION:

- Bachelor's in EEE with 75% in Aditya College.
- Intermediate with 95% in Visakha Junior College.
- SSC with 86% in ZPH school.

DECLARATION:
         I hereby assure that the above information is true and I will prove to be worthy of your confidence and satisfaction.

VENKATA SAI KOTNI