VAMSIKRISHNA BARAMA

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# CAREER OBJECTIVE

Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently.

Hardworking and passionate job seeker with strong organizational skills eager to secure DevOps Engineer position. Ready to help team achieve company goals.

# EDUCATION

## RVR&JC COLLEGE OF ENGINEERING, Guntur Jun 2015 - Apr 2019

*B.Tech Civil Engineering CGPA 6.88*

# TECHNICAL SKILLS

**Cloud Services:** Amazon Web Services **Continuous Integration:** Jenkins

**Source Control:** Git, GitHub. **Configuration Management:** Ansible .**Container Technology:** Docker. **Container orchestration:** Kubernetes.

**Operating Systems:** Linux, Windows, Ubuntu. **Infrastructure Automation:** Terraform

**Bug Tracking Tool:** Jira

**Scripting:** Bash

**Professional Experience:**

# CAPGEMINI AUG 2021- Present

* Having overall **3+** **Years** of experience in the field of software and infrastructure development.
* Having IT Experience with **DevOps Engineer** in Configuration Management, Continuous Integration, Continuous Automation, Delivery and Deployment model.
* Experienced in **Linux, Scripting, Git, GitHub, Maven, Apache Tomcat, SonarQube, Nexus, Jenkins, Ansible, Docker, Kubernetes, Terraform, AWS.**
* Managed builds for Java-based applications. And experienced to work with **AWS CLOUD**.
* We are using amazon web services are amazon **EC2, LOAD BALANCING, AUTOSCALING, EBS, EFS, VPC, IAM, S3, RDS, CLOUD WATCH, code deploy, code pipeline, SNS and Lambda functions.**
* Experience in DevOps Engineering in automating, building, and deploying code within different environments like **DEV, STAGE, and PROD**.
* Used **Maven** and make for building **Java/Spring boot** Applications to create **.Jar/.War/.ear**.
* Good Knowledge of **SCM** Tools **GIT** like to maintain Branching, Tagging, and Merging Concepts in Version Control Systems. Collaborative Working Relationship.
* Automating the infrastructure as a code using **Terraform**. Build Automation &**CI Jenkins** Creations of Jenkins Jobs, Managing Slaves, Job Scheduling, Working with Plugins.
* Having experience in creating **custom Docker Images** and **Docker containers** using **Docker file**. And good to work with **Docker Networking**.
* Good hands-on experience to configure **Kubernetes orchestration deployments** for **Highly Available Cluster & Auto-Scaling groups**.

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# PROJECTS

# Project: Order Management.

**Role: Devops Engineer**

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**Project Description:**

Sainsbury's is the second largest chain of supermarkets in the United Kingdom. The company becomes the largest grocery retailer of self-service retailing in the United Kingdom. Sainsbury's operates an internet shopping service branded as Sainsbury's online. Order Management System involves ordering and delivering a grocery through online. Robotic automation is a process which makes Order Management System automation without human involving.

**Responsibilities:**

* Coordinate between key team members, including developers, QA and support to promote, schedule, and perform deployments in various environments according to development timelines.
* Created Master-Slave architecture using SSH Protocols, to distribute the builds. Configured required different plug-ins in Jenkins.
* Administer and manage all the **SCM** tools like **GIT** and Build environments including source management tools and build machines.
* We are using amazon web services are amazon **EC2, ELASTIC LOAD BALANCING, AUTOSCALING, EBS, VPC and S3**
* Hands-on experience in configuring and troubleshooting Jenkins**,** Create Job schedule Regarding Builds.
* Having experience in creating custom Docker Images and Docker containers using Docker file.
* Experienced to create **custom Docker Images** and **Docker containers** using **Docker file**. And good to work with **Docker Networking**
* Deploying **Kubernetes** to AWS using KOPS and as for the project, Created services for the deployment in **Kubernetes.**
* Automating the infrastructure as a code using **ANSIBLE**. Developed and Maintained playbooks for Configuration Management using **ANSIBLE**

**Project: Market America Online Shopping Portal**

**Role: Devops Engineer**

**Project Description:**

Market America Online shopping Portal is a one-stop-shop for internet shopping. Through Market America Portal, you can access one of the largest online shopping networks available and browse the inventory of thousands of partners along with in-house brands. Market America has over 3 million Preferred Customers and over 180,000 global Shop Consultants throughout the globe.

**Responsibilities:**

* Experienced in all **SCM** activities like Branching, Tagging, and Backup/Restore to Managing SCM GIT including installation, configuration, and maintenance.
* Understanding of all major functionalities of Subversion and Git and introduced some of the best practices in parallel development environments.
* Handling all phases of Build activities daily builds using continuous integration Jenkins, Hudson, Debugging compilation, and runtime issues in build failures.
* Handling all phases of Build activities daily builds using continuous integration Jenkins, Hudson, Debugging compilation, and runtime issues in build failures.
* Monitored and optimized system performance using AWS CloudWatch, proactively identifying and addressing any potential issues to maintain a highly availability.
* Notify broken builds to appropriate stakeholders and enable for successful build Copy the built package to appropriate team for testing.
* Developing and maintaining scripts to automate the build, packaging as well as automation of time-consuming, error-prone tasks associated with the build to creating and maintaining Continuous Build Process documentation.
* Collaborate with **QA** and **Development** managers on release schedules and content of builds, release, and patches Validate / smoke test the release to ensure it is operating as the completeness of release notes and publish release package communication.
* Configured jobs for scheduled Builds to DEV environments and perform automated deployments using **Jenkins** Installation of plugins on a need basis in Jenkins. Moving on-premises applications.

# SOFT SKILLS

* Teamwork, Troubleshoot, Communication, Learning, Creativity, Leadership.

# STRENGTHS

* Team collaboration, Effective communication.

# INTERESTS

* Internet surfing, watching films, Listening to music, Sports.

# PERSONAL INFORMATION

**Name** : VamsiKrishna Barama

**Date of Birth** : 15 September 1997

**Languages** : English, Telugu, Hindi **Address** : Hyderabad, Telangana.

# DECLARATION

Declaring that the above particulars are true to the best of knowledge and belief.

**Place:** Hyderabad VamsiKrishna B

**Date:** 25 Oct 2024 **(Signature)**