



Certified

Butchi Ramachandra Raju Kutcharlapati

Senior Associate Consultant at Infosys Limited.

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IT professional with around **4** years of **Information Technology** industry experience with ability to accomplish all aspects of the **AWS** and **DevOps** in **CI/CD pipeline, Build/Release management**.

Technical Skills:

- | | |
|---|--------------------------------|
| • Cloud Technologies: | AWS, Azure. |
| • Containerization Technologies: | Docker, Kubernetes, OpenShift. |
| • CI/CD Tools: | Jenkins, Azure DevOps. |
| • Build Tool: | Maven. |
| • Version Control Systems: | GIT, GitHub, BitBucket. |
| • Scripting: | Shell scripting, Python. |
| • Operating System: | Linux. |
| • Iac: | Terraform. |
| • Security Tools: | JFrog, SonarQube, Snyk, Nginx. |

Professional Summary:

- Experience in **CI** (Continuous Integration)/**CD** (Continuous Delivery) software development pipeline stages **Commit, Build, Automated Tests, and Deploy...etc.**
- Responsible for using **AWS** Console and AWS Command Line Interface for deploying and operating AWS services specifically **VPC, EC2, S3, EBS, IAM, ELB, and Cloud Watch**.
- Working on Multiple **AWS** instances, set the **security groups, Elastic Load Balancer** and **AMIs, Auto scaling** to design **cost effective, fault tolerant** and **highly available** systems.
- Experienced in **Branching, Merging, Tagging, and maintaining** the version across the environments using SCM tools like **GIT**.
- Setting up the new repos, **Managing the permissions** for various **GIT** branches using **Branching policies** in GitHub and using **repo Templates** in BitBucket.
- Experienced in **templatizing** the Jenkins Scripted pipeline for **code reusability** and implemented **Jenkins Shared library** to ease the pipeline construction.
- Well versed in creating **Groovy script-based Jenkins file** for automating **multi branch pipeline** jobs.
- Experience on containerization technologies **Docker, Kubernetes, OpenShift**.
- Experience in handling all the production related challenges **load balancing, high availability, and disaster recovery** on **docker containers**.
- Managed systems routine **backup, scheduling jobs, enabling cron jobs, enabling system logging**.



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Professional Experience:

Infosys Limited – Hyderabad

Senior Associate consultant | Feb 2022 – present

- Implemented **Jenkins scripted pipeline** templatzation using **shared library** for code reusability.
- Configured and maintained **Jenkins** in such a way that it will build the code when developer pushes the new code in the **Git** before merging the pull request.
- Deployed **SonarQube** as container on **Azure webapp** and handled **auto scaling, data persistence, traffic handling** etc. successfully.
- Migrated end to end **CI/CD** pipelines from **Jenkins** to **Azure Pipelines** including SQL scripts Database deployments.
- Pushing the environment specific artifacts to JFrog.
- Migrated an application which was running on **Docker** container to **OpenShift**.
- Written **shell script** which takes the backup of the DB and uploads it to backup server and scheduled it.
- Managed the repo permissions, branch restrictions centrally in **BitBucket** using repository templates, and Branching policies for GitHub repos.

Cognizant Technology Solutions – Chennai

Programmer Analyst | Jan 2020 – Feb 2022

- Hands on experience in creating entire development and testing environment using **Docker** in AWS.
- Written customized **Docker** images using **Docker file** these images I uploaded into a **Docker private repository** that I have setup on one of our servers.
- **Kubernetes** will successfully handle all the production challenges like **load balancing, auto scaling, and high availability** handling failover scenarios.
- Created end to end **CI/CD** pipelines in **Jenkins** as per application requirements.
- Involved in developing the **GIT branching strategy** and repo management and maintained it.

Certifications:

- **AWS Certified Solutions Architect - Associate**, issued by Amazon Web Services, **Aug'21**
- **AWS Certified Cloud Practitioner**, issued by Amazon Web Services, **Mar'22**
- **Azure Fundamentals**, issued by Microsoft, **June'23**

Educational Qualification:

- Bachelors in **ECE** from **JNTU-K** 2015-19