Docker

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## Professional Summary

* Currently working as **DevOps Engineer** at **Capgemini India Pvt. Ltd,** Hyderabad, INDIA from May 2022 to Till Date.
* Total **7** years extensive experience in Software Development domain lifecycle as DevOps Engineer, Support Engineer implementing Continuous Integration, Delivery Configuration Management, Builds Release Management, Cloud services and Containerization.
* Having **4** years of experience in DevOps Engineer in the fields of automation, Software Configuration Management, Version Control and Release management.
* Experience handling CI/CD pipeline, GIT, Maven, Jenkins and automate deployment scripts for multiple projects.
* Hand-on experience in creating custom pipeline in Jenkins using Jenkins’s file (Declarative Pipeline) and Freestyle jobs, Pipeline Jobs.
* Experience in using Build tools like Maven.
* Worked on Version Control or Source Code Management tools – Git/GitHub, Bitbucket and Azure repos.
* Excellent capability to explore, learn understand and Implement new Technologies and Business Domains.
* Managed daily builds and releases to Dev, QA, Staging, Demo, UAT and Production
* Environments. Debugged build failures and worked with developers to resolve related issues.
* Hands-on experience in Monitoring Jobs and Troubleshooting
* Implemented automation using Configuration Management tools like Ansible.
* Highly motivated team player, having Strong Documentation skills and consistently meeting metric goals (SLA’s).

# Technical Skills

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| **Operating System** | Linux, Knowledge on Windows |
| **Languages/Scripts** | Bash/Shell scripting |
| **Version Control System/SCM** | Git, GitLab |
| **Cloud Technologies** | AWS, Azure (intermediate) |
| **Configuration Management** | Ansible |
| CI/CD | Jenkins |
| **Containerization and orchestration** | Docker, Kubernetes. |
| **Other tools** | Post-man, Amazon API-Gateway |
| **Ticketing Tool** | Manage Engine, ServiceNow, Kanban, Git hub. |
| **Monitoring Tool** | ELK, Cloud watch, Datadog, Grafana, New Relic, |
| **Database** | MYSQL, Redshift, |

# Work History

### May 2022 – Current Hyderabad, India

**Capgemini India Pvt. Ltd: Associate Consultant**

### Project: Johnson and Johnson (USA – NA)

Roles and Responsibilities:

* + J&J consists of multiple projects under which Capgemini is supporting to create CI/CD DevOps automation project and developing Jenkins pipeline automation scripts & Jenkins Pipeline library to automate the CI and CD process for multiple technologies like SQL, Python, Java, and Node.
  + Responsible for requirement gathering, design, development and testing of the automated CI/CD setup.
  + Develop Jenkins automation library for complete CI/CD process. Enhance the automation library with the new technologies.
  + Migrated Legacy Java application from Physical virtual machines to dockerization using EKS.
  + Deploying AWS services like EC2 and EKS using terraform.

### March 2020 – April 2022 Hyderabad, India

**Rythmos Software Pvt Ltd Project: Loyalty Methods Role: Associate Consultant**

### Description:

Reactor CX (RCX) is a real time, cloud-based application used to execute discount pricing strategies and loyalty programs. RCX is developed to be distributed in SaaS model. Loyalty programs are structured marketing strategies designed to encourage customers to continue to shop at or use the services of a company/business. The goal is to increase customer loyalty and capture buying patterns of the customer.

Roles and Responsibilities:

* + Have been working with a team whose key responsibilities are managing and supporting of an application.
  + Implementing multistage CI/CD jobs using Jenkins for multiple projects and resolving issues encountered during Build and deployments.
  + Launching AWS instances, services as per project requirement and maintain timely schedule as communicated.
  + As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing resources.
  + Creating subnets, updating load balancer rules, creating SSL certificates in AWS ACM, changing, updating auto scaling groups and increasing EBS volumes.
  + Ensuring the servers to sustain the load by configuring Elastic load balancer and auto scaling.
  + Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
  + Updating docker images for services as per requirement during for ECS and Kubernetes services.

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### NOVEMBER 2016 to February 2020 Hyderabad, India

**Husys Consulting Ltd End Client - AT&T Domain – Broadcasting**

### Role: Application Support Analyst

As a Team Member of the Sales Application Support was responsible for the following

* + Supporting critical application issues as a Level 3 analyst and ensure smooth handling of major incidents with clear guidance and standardized processes.
  + Ensure timely resolution of critical and major incidents within SLA, including issuing critical alerts for immediate attention.
  + Reduce outage duration by engaging appropriate teams, conducting root cause analysis, and implementing preventive actions.
  + Take ownership of communication with stakeholders, development teams, and end-users as needed.
  + Handle application deployment using octopus’ tool, configuration, and production testing.
  + Implement Cloud practices setting up application infra in AWS cloud services like EC2, EBS, S3, IAM, Security groups,
  + Possess expertise in creating EC2 instances using various AMIs and configuring IAM roles, users, and groups with multi-factor authentication (MFA) for enhanced AWS security.
  + Supporting critical application issues as a Level 3 analyst and ensure smooth handling of major incidents with clear guidance and standardized processes.

# Education

* + **Bachelor of technology (CSE) in 2016 from Sir C.R Reddy College of Engineering (ANDHRA UNIVERSITY) with 6.7 CGPA**

**Certifications**

* + AWS certified Solution Architect- Associate
  + Certification in ITIL V3 Foundation (Information Technology Infrastructure Library)

## Recognition & Honors

* + Received best performer award (Capgemini)
  + Received Team Player appreciation from Manager.

**PRABHU KUMAR SAMARLA**