

**Thirumurugan Govindharaj**

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### **Carrier Objective:**

To pursue a career in organization to utilize my knowledge, competence in a challenging, team oriented environment and contribute towards the overall growth of the organization to the best of my abilities and thus developing my skills.

### **Experience Summary:**

**Over 1+ years of experience in IT**, worked on **AWS** and **Linux** and on different tools in **DevOps** culture.

### **Technical Expertise:**

- **Version control tools:** Git and GitHub
- **Continuous integration:** Jenkins
- **Cloud platform:** AWS
- **Operating System:** Windows 10, RedHat
- **Continuous Deployment:** Jenkins
- **Build Tools:** Maven
- **Configuration Management tool:** Ansible
- **Monitoring:** Cloud Watch
- **Virtualization:** Docker
- **Database:** RDS
- **Load Balancing:** ELB
- **Scripting Language:** Java
- **Webserver:** Apache Tomcat

### **Roles and Responsibilities:**

- Hands-on experience on Architecting and securing the Infrastructure on AWS.
- Experience with load balancer, auto-scaling using Amazon EC2, VPC, IAM, RDS, EBS, R53, S3, SNS.
- Design and implementation of RDS Database services to host DB instances to the endpoint.
- Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
- Maintained the monitoring and alerting of production servers using Cloud Watch service.
- Design and implementation of RDS Database services to host DB instances to the endpoint.
- Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources.
- Maintained the monitoring and alerting of production servers using Cloud Watch service
- Administered, managed, and installed Linux (RedHat, CentOS)
- Coordinate with product developers, software designers and testers to ensure completion of project in a timely manner.
- Configuration of Jenkins server.
- Created automated builds and daily deployments onto different environments using Jenkins and Maven.
- Analyze and resolve conflicts related to merging of source code for GIT.
- Configuring Jenkins pipeline to ensure CI/CD and deploy the generated artefacts to antifactory.
- Installation, Configuration and troubleshooting Ansible as the configuration management to control various end user node servers using module and the playbook.
- Creating Virtualization containers with the help of Docker to run specified applications

## Project Details:

DEVOPS | RELIGARE  
OCT 2022 – JAN 2022

- Client - RELIGARE HEALTH INSURANCE
- Role - DEVOPS ENGINEER
- Environment - GIT, GitHub, JENKINS, DOCKER, AWS, ANSIBLE, LINUX, TOMCAT

## AWS | AWS General Web Apps Workshop

JAN 22 – MAR 22

Platform Used : AWS Management Console

Technical skills : Solution Architect

Description : Build single-instance WordPress website using Amazon EC2 and Amazon RDS, then further improve the architecture of by adding Auto Scaling Groups, Load Balancer (Elastic Load Balancing) and AWS CloudFront in to make the website more scalable, secure and reliable.

## AWS | Build a CRUD API with Lambda and DynamoDB

JAN 22 – MAR 22

Platform Used : AWS Management Console

Technical skills : Solution Architect

Description : Create a serverless API that creates, reads, updates, and deletes items from a DynamoDB table. DynamoDB is a fully managed NoSQL database service that provides fast and predictable Performance with seamless scalability.

## Roles and Responsibilities:

- Worked as member of DevOps engineering team in the company and playing the role of an GIT Administrator.
- Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins to support weekly releases and out of cycle releases based on business needs.
- Understanding customer requirements and project KPIs
- Setting up tools and required infrastructure
- Defining and setting development, test, release, update, and support processes for [DevOps Operation](#).
- Identifying and deploying cybersecurity measures by continuously performing vulnerability assessment and risk management
- Implementing various development, testing, automation tools, and IT infrastructures
- Selecting and Deploying appropriate [CI/CD tools](#)
- Planning the team structure, activities, and involvement in project management activities
- Coordinating and Communication within the team and with customers
- Strive for continuous improvement and build continuous development, and constant deployment pipeline ([CI/CD Pipelines](#))
- Managing periodic reporting on the progress to the management and the customer
- Experienced Cloud and DevOps engineer in Automating, Configuring, and deploying instance on AWS.
- Worked on infrastructure with Docker containerization and maintained Docker Images and container.
- Implemented build stage -to build the micro service and push the docker container image to the private docker registry. Responsible for escalating issue and coordinating with the issue.

**Educational Details:**

Bachelor of Engineering (Mechanical Engineering) Aug 2020, Adhiyamaan College of Engineering, Hosur.

**Personal Details:**

- NAME : **Thirumurugan Govindharaj**
- FATHER NAME : **Govindharaj**
- MOTHER NAME : **Pachiyammal**
- MARITAL STATUS : **Single**
- D.O.B : **29/11/1997**
- PERMENENT ADDRESS : **3/6, Chinnagudibala (vill), Beerpalli(post),Krishnagiri(Dist)- 635115**

Current place: 2<sup>nd</sup> cross, 2 main Rd, Siddartha Colony, Madiwala, 1<sup>st</sup> Stage, BTM Layout, Bengaluru - 560068

Place: Bangalore

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