­­­ CURRICULUM VITAE

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## Objective

To pursue my career as an intellectual and hardworking in a well-reputed and challenging environment for my personal and company growth.

# Educational Qualification

• B.E Electrical and Electronics Engineering completed 2022 THIRUMALAI ENGINEERING COLLEGE, Kanchipuram.

• Diploma Electrical and Electronics Engineering Completed 2016 Pallavan Polytechnic College, Kolivakkam Iyengarkulam, Kanchipuram

* SSLC Completed 2011 Anderson higher secondary school Kanchipuram.

# Skills

* AWS (Course Certification from Besant technologies)

# Experience

* Desktop support engineer with 1.5 years of experience
* K.G.K Computers & Services Pvt ltd.
* Precision Infomatic (M) Pvt .Ltd

# Technical skill

**AWS: CLOUD COMPUTING**

* AWS Cloud Computing which includes services like EC2, S3, ELB, AMI,

RDS, SNS, SQS, Route 53, CloudWatch, Cloud trail, Cloud front, Lambda,

Migration, Code deployment, CodePipeline and Red Shift.

* Launch EC2 instance using AMI (Linux and Windows) and configure according to specific requirements and region.
* Create an Autoscaling group and configure cloud watch alarm to the instances in the autoscaling group.
* Create and manage a user account, Roles and grant required access permission using IAM.
* S3 buckets in the AWS environment to store files as an object are required to serve static content delivery.
* Create Elastic load balancing such as Classic load balancer and Application load balancer.
* Cloud trail log of all actions that have taken place inside your AWS environment.
* Create AMIs to take backups of the both volumes and operating system to launch configuration of the EC2 instances.
* Cloud watch maintained the monitoring and alerting of production and corporate servers using the CloudWatch agent creating alerts based using SNS service.
* Cloud front speeds up the distribution of your static and dynamic web content such as .html and image files to your users.
* Configuring the Autoscaling group to manage and secure instances from instance down which overload
* Hosted a static web application for t2 Micro on the EC2 server using Classic load balancer and Application load balancer.

## AWS Mini Project

* Managing and deploying the application automatically using Code Deploy and Code Pipeline when the user pushes the application (Zip file format) in S3.
* Developed and deploy infrastructure using VPC for secure access to the private zone.

## AWS Main Project

* Create a disaster recovery in two different regions and developed an application using WordPress to continuous sync using S3 if any one server is failed due to the same, disaster one will be up and running.

**DevOps**

* Good understanding of the principles and best practices of Software development life cycle (SDLC) in Agile and Waterfall methodologies.
* Experience with GIT/GitHub version control system.
* Proficiency in Jenkins for CI/CD and end-to-end automation for application build and deployments.
* Experience with Docker Containerization tool, running the containers, pulling images from the Docker Hub, creating Docker files to manage containers which are customized, docker commits to capturing the file changes into new Images and pushing the image into the docker hub.
* Maintained build scripts Maven to perform builds efficiently.
* Good knowledge of configuration management tool Ansible.
* Good hands-on training with Linux commands and volume mounting.
* Good understanding of Shell scripting.

# DevOps Hands-on Projects:

# Project 1: Jenkins Pipeline for build and deployment

# Description: Having experience in creating Jenkins pipelines with SCM polling using Maven build and GitHub Webhook. Worked on multiple POC projects where I have used different kinds of pipelines like Conditional pipelines, parallel stages and integration with third-party services like AWS, Docker and Ansible.

# Role: DevOps Engineer

# Project 2: Docker Containerization

# Description: Having an understanding of Docker concepts and have created custom images/containers for hosting WordPress technology stack and published the same to Docker Hub. Also, have experience in creating images with tools that would be needed for Jenkins’s pipeline jobs.

# Role: DevOps Engineer

# Project 3: Ansible for Configuration Management

# Description: Have a good understanding of Ansible ad-hoc and playbooks and have implemented sample projects like Webserver installation, managing various configurations, and performing Linux administration activities on the target machines.

# Role: DevOps Engineer

**Job Responsibilities:**

* Ensure automation is in place for repeated and reusable activities.
* Striving to team player and have strong knowledge in understanding the client’s requirements
* Provide technical support, training and technical documentation to the Information Technology team and contractors
* Perform other duties and responsibilities as required to fulfil job function or as assigned.

**Training:**

* Undergone training on Git concepts and GitHub.
* Undergone technical training on the concepts of Docker, Jenkins and Ansible and implemented sample projects using the tools.
* Had training on Linux server environments

# Technical skill

* Hardware and software installation
* Active Directory
* Troubleshooting
* Problem Solving
* Hardware Diagnosis
* Technical issues analysis
* Tickets tool
* Excellent Time Management

# Address

No-153/B C.V.M Nagar, Olimugamadhu Pettai, Kanchipuram-631502.

## Declaration

I do hereby declare that the information and facts stated herein are true to the best of my knowledge.

**Place:**

**Date: Signature:**

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