

Thanushree M

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SUMMARY

- Completed Bachelor of Engineering in Computer Science and Engineering from Maharaja Institute of Technology Thandavapura in 2021
- Looking for a challenging opportunity to utilize the existing knowledge and skills towards the growth of the organization and learn from new experiences
- To build a challenging career in Amazon Web Service Cloud, DevOps, Linux administration with my Knowledge, Communication, Presentation and Interpersonal Skills and to be part of a productive team being representing and responsive.

TECHNICAL SKILLS

Operating Systems	Linux, Windows
Version Control Tools	Git and GitHub
Build Management Tools	Maven
Scripting Languages	Shell Script, YAML, Groovy, Python
Web and Application Servers	Apache Tomcat
Continuous Integration and Delivery Tools	Jenkins
Configure Management Tools	Ansible, Terraform
Containerization Tool	Docker, Kubernetes
Cloud Technology	Amazon Web Service, Google Cloud Platform
Database	RDB
Programming Languages	C, Java, HTML, PHP, CSS

PERSONAL TRAITS

- Good hands-on knowledge of source code management(version control system) tool like Git and GitHub.
- Proficient in developing continuous integration/delivery pipelines with Jenkins.
- Knowledge of major cloud service providers like Amazon Web Service(AWS) and Google Cloud Platform(GCP)
- Good understanding of DevOps roles and responsibilities
- Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes
- Able to perform CI, CD, CM, CDD etc.
- Expertise in virtualization and containerization.
- Performed database administration tasks with DBA team
- Network knowledge in cloud : DNS, Load Balancing and IP Addressing
- Deployment knowledge in deployment application
- Hands on practical knowledge in develop, enhance and maintain the build, deployment and configurations for continuous integration, continuous delivery.
- Expertise in Configuring access, IAM and security of the application
- Good knowledge in AWS to manage and configure EC2 services and automating AWS cloud deployment.
- Practical knowledge on AWS cloud such as EC2, S3, VPC, RDS, auto scaling etc.
- Able to build Docker images such as Docker file.
- Proper understanding in Containerization tool like Docker.
- Have excellent problem solving, time management skills, ability to work independently or as part of a team.

Effective communication

- Ability to communicate technical information and other information in a clear and simple manner

Leadership

- Lead many initiatives in college and school and utilized team building skills to form student committees

Team Player

- Motivating team mates to work together and achieve the desired results

INTERNSHIPS & TRAINING

- Internship done in Web Development domain at Kaashiv InfoTech
- Trained for Coding and Problem solving under e-box Dream Team 2020
- Trained on AWS/GCP Cloud, DevOps Tools like Git, GitHub, Jenkins, Docker and Kubernetes.

EXPERIENCE

- Worked as a Coding Educator at Bright Champs, the responsibility is to teach a code for the different age group children's across the world | Aug-2021 to Feb-2022
- Azure DevOps Engineer at Info Vision | Apr 2022 to Jun 2022 - in the 3 months of training period, my responsibility is to learning different technologies like java, testing, UI/UX, Cloud platforms and so on.
- Certified DevOps Engineer at Cloud DevOps Hub | Oct 2022 to Feb 2023 - learned different Technology and tools with hands on practice of real world projects.

PROJECTS

➤ Project 1 - CI, CD pipeline of java SpringBoot application via DevOps tools

A Walmart is an USA based E-Commerce website established itself as a low point mega-warehouse. It includes different categories like electronics, fashions and so on.

Roles and Responsibilities : Involved into the planning to taking the decisions to choose a CI, CD for our application

- Provide the solution to push Artifacts to Docker Hub via Jenkins pipeline
- Responsible to create a Git repository setup for our development team
- Provided the best practice to kept Dockerfile/ Jenkins file/ pom.xml/ SRC as a best practice
- Configured the flow of CI and CD via Jenkins and setup the environment with the Dockerfile
- Configured the Docker based application and deployment users as per business requirement
- Invented better ways of using Jenkins application for CI and CD with Continuous Deployment approach

➤ Project 2 - Creating 3 nodes k8's engine on GCP with E-Commerce micro service base application deployment | Jan 2023

A Walmart is an USA based E-Commerce website established itself as a low point mega-warehouse. It includes different categories like electronics, fashions and so on.

Roles and Responsibilities : Involved into the planning to taking the decisions to choose a CI, CD for our application

- Provide the solution to create my application with micro-services based architecture
- Responsible to create a Git repository setup for our development team.
- Responsible to create a Kubernetes cluster and manifests files like deployment and services
- Configured the flow of CI and CD via Jenkins and setup the environment with the Dockerfile.
- Configured the Docker based application and deployment users as per business requirement

➤ Project 3 - 3-tier based application on AWS using Terraform

Roles and Responsibilities : Involved in to the planning to taking the decision to choose multiple AWS services for our app

- Operationalize and deployed a application which uses 40 AWS resources/services via Terraform and manages the infrastructure
- Involved in DevOps projects to deploy certain infrastructure application that this client is looking to put into production

- Design, develop, document, test and debugs new and existing configuration management(Terraform) infrastructure as code
- Experience with Jenkins, AWS, Terraform, Git as source code repository
- Provide top level support to the DevOps team and integrating with existing infrastructure
- Invented better ways to use Jenkins application for CI and CD

➤ **Java project Spring boot application with maven integration with CI configuration | Jan 2023**

A simple java project on Spring boot application by using git has a source code repository with maven integration. Maven is a build automation tool used primarily for java project, by continuously integrating the application

➤ **Data Base Management System | Mini Project | Aug 2019- Dec 2019**

A simple DBMS project on “Construction Management System” in DBMS, MySQL. In this project we provide a construction material for the customers like, cement, sand, wood, rocks and so on.

➤ **Web Technology – HTML| Mini Project| Sep 2020-Jan2021**

A simple web technology project on “online job portal” were we provide the job vacancies for job seekers

➤ **Spammer Detection and Fake user Identification on Social Network using ML | Major Project | Sep 2020-Feb 2021**

The main objective of our project is to actively identify the spammers and fake users in a online social network. By using this project we can improve user experience by minimizing the spammers and fake users on social network.

EDUCATION

Examination	Institution	Board/University	Year	Percentage
B.E (CSE)	Maharaja Institute of Technology Thandavapura	V.T.U.	2021	7.7(CGPA) 73%

EXTRACURRICULAR ACTIVITIES

- Worked as a Team Leader in Final year project.
- Hackathon – Participated in few hackathon events and received many certificates on Quiz.

PERSONAL DETAILS

- Languages Known : English, Kannada
- LinkedIn : <https://www.linkedin.com/in/thanu-m-8a2b701a2>