

T NANDEESH

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WORK EXPERIENCE

C3ops | Cloud Engineer

Nov 2023 – Present

- Spearheaded the development of websites using HTML and CSS, leveraging AWS services including Route 53, S3, and CloudFront for robust hosting solutions.
- Utilized New Relic to monitor website performance, ensuring optimal operation and rapid identification of issues.
- Implemented GitHub for version control and code storage, streamlining collaboration and enhancing version tracking.
- Executed data migration projects using AWS Data Migration Service (DMS), transitioning databases from MYSQL Server to RDS MYSQL

PROJECTS

Jenkins CI/CD Project with Github Integration using Webhook

Aug 2023 - Nov 2023

- Implemented Jenkins pipeline to automate the process of CI/CD
- A Webhook is created that automatically trigger when changes made in code
- Used Docker to build and push image to Docker Hub.
- Tech stack: Docker, EC2-ubuntu, Jenkins, Git, GitHub

Setting Up Kubernetes Cluster with Kubeadm and Deploying an Application

Apr 2024 - May 2024

- Installed Docker and Kubeadm on primary and secondary nodes
- Set up the master node and connected worker nodes
- Implemented Calico for network configuration
- Deployed an Nginx application on the Kubernetes cluster
- Deployed an artifact on a Kubernetes cluster, specifically Tomcat. This involved using Docker to build the image and then pushing it to Docker Hub.
- Managed deployments: launched, removed, and scaled applications

IOT Based Antenna Positioning System Aug 2022 – April 2023

Aug 2022 – April 2023

- Engineered an IoT system to achieve precise antenna positioning for enhanced wireless communication performance.
- Incorporated multiple sensors to continuously monitor and fine-tune antenna positions, ensuring optimal signal strength and quality.
- Applied advanced data analysis techniques to process sensor inputs and dynamically adjust antenna positions in real-time.
- Executed thorough testing and validation procedures to guarantee system robustness and accuracy under diverse environmental conditions.

EDUCATION

Ballari Institute of Technology and Management

Ballari

Bachelor of Engineering in Electronics and Communication Engineering
Cumulative GPA: 6.80/10.0

Aug 2019 – Oct 2023

Ballari Independent PU Collage Allipur,Ballari

Ballari

Pre University Course
Cumulative Percentage: 51.04%/100%

Aug 2017– Mar 2019

Chethana Vidyanikethana ENG Medium School

Kampli

High School
Cumulative Percentage: 81.76%/100%

June 2016– Mar 2017

TECHNICAL EXPERTISE

Version Control: Git, GitHub.

AWS Services: EC2, S3, DMS, IAM, VPC, RDS, CloudFrount, Route53.

DevOps: DevOps practices and methodologies.

Continuous Integration Tools: Jenkins.

Configuration Management Tools: Ansible, Terraform.

Web Servers: Apache Tomcat, HTTPD, Nginx.

Operating Systems: Linux Distributions, Windows

DataBase: MYSQL.

Containerization: Docker.

Kubernetes: K8S.

Programming Language: C++, HTML, CSS.

Certifications & Training: Certification of Introduction to DevOps from Great Learning Academy, Certification of MySQL Basics from Great Learning Academy.

Personal Information

Date of Birth : 12-04-2002.

Gender : Male

Marital Status : Unmarried

Nationality : Indian

Languages Known : English, Telugu, Kannada, Hindi

Hobbies and Interests : UpSkilling, Playing Sports

To whomsoever it may concern, I hereby state that the above details provided by me are true to my knowledge.

Place: Hyderabad

T. Nandeesh