

## T NANDEESH

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### WORK EXPERIENCE

#### C3ops | Cloud Engineer

11/2023 – 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

### TECHNICAL EXPERTISE

- **Version Control:** Git, GitHub.
- **AWS Services:** EC2, S3, DMS, IAM, VPC, RDS, CloudFront, Route53.
- **DevOps:** Jenkins, Docker, Ansible, Terraform, K8S.
- **Web Servers:** Apache Tomcat, HTTPD, Nginx.
- **Operating Systems:** Linux Distributions, Windows.
- **DataBase:** MySQL.
- **Programming Language:** C++, HTML, CSS.
- **Certifications & Training:** Certification of Introduction to DevOps from Great Learning Academy, Certification of MySQL Basics from Great Learning Academy.

### PROJECTS

#### Jenkins CI/CD Project with Github Integration using Webhook

08/2023 – 11/2023

- 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 Kubectl and Deploying an Application

04/2024 – 06/2024

- Installed Docker and Kubectl 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, Deleting, Scaled Up Applications and Scaled Down Applications

#### IOT Based Antenna Positioning System

08/2022 – 04/2023

- 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

08/2019 – 10/2023

#### Ballari Independent PU Collage Allipur, Ballari

Ballari

Pre University Course

Cumulative Percentage: 51.04%/100%

08/2017 – 03/2019

#### Chethana Vidyanikethana ENG Medium School

Kampli

High School

Cumulative Percentage: 81.76%/100%

06/2016 – 03/2017

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

Place: Hyderabad

T. Nandeesh