

T. NANDEESH

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EDUCATION:

Ballari Institute of Technology and Management,

Ballari Bachelor of Engineering in Electronics and Communication Engineering
Visvesvaraya Technological University | Aug 2019 – Oct 2023

CGPA: 6.63

Ballari Independent PU College Allipur, Ballari

Pre-University Course | Aug 2017 – Mar 2019

Percentage: 51.04%

Chethana Vidyanikethana English Medium School, Kampli

High School | Jun 2016 – Mar 2017

Percentage: 81.76%

TECHNICAL EXPERTISE:

- **Version Control:** Git, Github
- **AWS Services:** EC2, S3, DMS, IAM, VPC, RDS, CloudFront, Route 53, EKS, ECR, ECS
- **Networking:** Subnets, NAT Gateway, Internet Gateway, Security Groups, NACLs, Elastic IPs, Route Tables
- **DevOps:** Jenkins, Docker, Ansible, Terraform, Kubernetes (K8s)
- **Artifact & Code Quality Tools:** SonarQube, SonarCloud, JFrog Artifactory
- **Web Servers:** Apache Tomcat, HTTPD, Nginx
- **Operating Systems:** Linux Distributions, Windows
- **DataBase:** MySQL
- **Programming Languages:** SQL
- **Soft Skills & Real-World Practices:** Problem-solving & debugging cloud issues, Writing documentation, Understanding architecture diagrams, Communication & teamwork

CERTIFICATIONS:

- Introduction to DevOps – Great Learning Academy
- MySQL Basics – Great Learning Academy

PROJECTS:

Jenkins CI/CD Project with Github Integration using Webhook

Aug 2023 – Nov 2023

- Implemented Jenkins pipeline to automate the process of CI/CD.
- Created a webhook that automatically triggers when code changes are made.
- Used Docker to build and push images to Docker Hub.
- Tech stack: Docker, EC2-ubuntu, Jenkins, Git, Github.

Migrating Databases with AWS DMS

Jul 2024

- Set up a MySQL database on an Ubuntu-based EC2 instance and configured it for external access.
- Created and configured an Amazon RDS MySQL instance to act as the target database.
- Designed and launched AWS DMS replication instance, source/target endpoints, and a migration task to transfer schema and data.
- Performed database migration from EC2-hosted MySQL to Amazon RDS using AWS Database Migration Service (DMS).
- Verified successful data transfer using MySQL Workbench and ensured table structure and content integrity.

AWS Website Hosting

Oct 2023

- Used Amazon S3 for storing and serving static content.
- Configured Amazon CloudFront for global CDN distribution.
- Managed DNS and domain routing with Amazon Route 53.
- Implemented SSL/TLS certificates for secure data transmission

IOT Based Antenna Positioning System

Aug 2022 – Apr 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.

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

Place: K. KOTTALA, Andhra Pradesh

T. Nandeesh