

# MALLEBOINA KRANTHI KUMAR

## AWS Cloud Intern

To work in a challenging and creative environment and effectively contribute towards the goals of the organization and to seek a suitable position in an organization that allows exhibiting my knowledge and skills.



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## EDUCATION

### Bachelors of Technology - ECE

TKR College of Engineering and Technology

07/2018 - 05/2022

Hyderabad

## WORK EXPERIENCE

### AWS Cloud Intern

F13 Technologies

07/2023 - Present

Remote

#### Achievements/Tasks

- Led a team that seamlessly transferred critical data and applications to AWS, minimizing downtime using AWS Services like AWS Data Migration Service and 7R's. Implemented a microservices architecture for improved scalability and fault tolerance.
- Conducted a comprehensive TCO analysis comparing on-premises infrastructure costs to AWS Cloud, highlighting potential cost savings by using AWS Pricing Calculator, TCO Analysis, MPA.
- Designed and developed a feature-rich website using AWS services. Implemented complex data relationships, stored procedures and triggers for enhanced database functionality.

### Trainee

EduBridge, India

03/2023 - 06/2023

Bangalore

#### Achievements/Tasks

- Hands-on experience and good knowledge of AWS Cloud services like VPC, EC2, IAM, S3, RDS, ELB, Elastic Beanstalk, Dynamo DB, Route53, AWS Cloud Watch, AWS Cloud Trail.
- Launching Amazon EC2 Cloud Instances with OS (Linux/ Ubuntu) and monitor instances by using AWS Cloud Watch.
- Working with Linux commands in Bash shell & Git Bash.
- Experience in installation and Configuration of Putty, Visual studio Code.

## SKILLS

AWS Cloud Services

Networking

Linux

Python

GitHub

MySQL

Docker

Jenkins

AWS Cloud Watch

AWS DMS

MS Power Point

## PROJECTS

A Wireless IoT System on gait detection in stroke patients: (08/2021 - 02/2022)

- Description: To design an intelligent gadget /system to analyze the gait moments of humans using a MEMS accelerometer sensor and the data is sent to PC wirelessly using a Wi-Fi modulator and analysis is done by the plotting on MATLAB.

Web Server Deployment using AWS Services:

- Description: Developed and deployed a web server using AWS services to host a moderate-sized website by planning, development, testing, deploying, and monitoring.

Nginx Web Server in Docker:

- Description: Created a Docker project to containerize and deploy an Nginx web server. Developed a Dockerfile to build the Nginx image, hosted a basic HTML website, and orchestrated container management using Docker Compose. Demonstrated proficiency in containerization and deployment processes.

IRS Migration to AWS Cloud

- Description: Led the successful migration of the Indian Railways System (IRS) to Amazon Web Services (AWS) Cloud, enhancing scalability, availability, and security. Managed a cross-functional team, orchestrated data migration, application reconfiguration, and ensured compliance with AWS best practices. Achieved cost savings by AWS Resources.

## CERTIFICATES

AWS Re-Start Graduate (06/2023 - Present)

AWS Cloud Practitioner (09/2023 - 09/2026)