

# MAMATHA B S

## Cloud Computing and DevOps Engineer

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## Experience



### Apponix Technologies

Bengaluru ,Karnataka

#### Trainee-cloud computing and DevOps

02/2025 - 05/2025

- Executed cloud infrastructure tasks using AWS services such as EC2, S3, IAM, and VPC, ensuring scalable and secure environment setup. Designed and automated CI/CD pipelines utilizing Git, Jenkins, and Docker to streamline software delivery processes. Deployed containerized applications and managed configurations using Docker and Ansible. Demonstrated proficiency in version control, cloud provisioning, and continuous integration strategies aligned with industry practices



### Teragon

Hassan, Karnataka

#### Intern-Data science-python Programming and Analytical Tool

10/2023 - 11/2023

- Engineered data-driven solutions using Python for data cleaning, transformation, and exploratory analysis. Leveraged Tableau to design interactive dashboards, enabling visual storytelling and strategic insight extraction. Analyzed structured datasets to identify trends, patterns, and correlations supporting data-informed decisions. Gained exposure to the end-to-end data science workflow, aligning with industry practices and tools.

## Skills

language: c, python.

Technologies and tools: AWS, EC2, DynamoDB, S3, Lambda, Docker, Kubernetes, Jenkins, Git & GitHub Linux.

## Projects

### Musical Instrument Classification Based on Sounds

Hassan ,Karnataka

short summary

- Extracted MFCC, Chroma, and Spectral Contrast features from audio signals for instrument classification. Applied supervised learning algorithms (Random Forest, SVM, KNN) for model training and evaluation. Achieved accurate multi-class classification using sound-based feature engineering and signal processing.

### Blood group Detection Using LED

Hassan, Karnataka

short summary

- Utilized LED light transmission and photodiode sensors to analyze blood sample agglutination patterns. Designed a circuit-based system to detect blood groups based on light intensity variations. Enabled low-cost, real-time blood group classification using optical sensing and embedded technology.

## Education

### Government Engineering College Mosalehosahalli

Bachelor of Engineering, Electronics and Communication -9CGPA

2021 - 2025

### Shree Slddaganga pu college foe womens

CBSE-PCMB-90%

2019 - 2021

## Certification and Awards

National Level Volleyball Player

Data Science(Python and Tableau)

Machine Learning Based on Python