

Mrunal Ugemuge

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EDUCATION

- **Shri Ramdeobaba College of Engineering and Management, Nagpur** 2020-2024
Computer Science Engineering(Minor)
- **Shri Ramdeobaba College of Engineering and Management, Nagpur** 2020-2024
B.Tech in Biomedical Engineering
- **Yeshwant Mahavidyalaya, Wardha** 2018-2020
Board of Intermediate Education, Maharashtra
- **Alphonsa Sr. Sec. School, Wardha** 2017-2018
Board of Secondary Education, Maharashtra

INTERNSHIP

- **LinuxWorld Informatics Pvt Ltd** September 2022 - Present
Internship Trainee at LW's ARTH 3.0 Program
 - During my internship at **ARTH - The School of Technologies**, I gained valuable hands-on experience in various cutting-edge technologies and developed expertise in multiple areas. The internship program provided **comprehensive training** in specialized domains, including **DevOps, Cloud Computing, Linux, Programming Languages**, and **Full Stack Web Development** using MERN.

PROJECTS

Format Converter

-A Client from outside world upload audio into the **S3** bucket using **API Gateway** and it invoke **Lambda Function** to convert audio into text and store again into S3 bucket using **Amazon Transcribe**.

IoT Based Blood Pressure Monitoring System

- Building a Blood Pressure monitor and integrating it with **Internet of Things** .

Automated Dockerized CI/CD Pipeline with Jenkins

-The goal of this project is to create an automated Continuous Integration and Continuous Deployment (CI/CD) pipeline using **Jenkins** and **Docker**. The pipeline will enable developers to easily **build, test, and deploy** applications in a containerized environment, ensuring consistency and **scalability** in the development process.

TECHNICAL SKILLS AND TOOLS

Programming Languages: Java, Python, C++

Containerization Tools: Docker, Kubernetes

CI/CD Tool: Jenkins

Configuration Management Tool: Ansible

Source Code Management: Git, GitHub

Cloud Computing Services: Amazon Web Services

Linux distribution : RHEL, Amazon Linux

POSITIONS OF RESPONSIBILITY

- **Group Leader | Arth 3.0** 2022-present
- **Member | Institute of Electrical and Electronics Engineers (IEEE)** 2022-2023
- **Member | Biogenesis Club** 2022-present

ACHIEVEMENTS

- I actively participated in the **First International Biomedical Engineering Conference (IBMEC)**, where I had the privilege to present a poster on a **Fetal Heart Rate Monitor**. 2 and 3, Sep 2022