IMT2018037 Amith Sai Konda

amith.sai@iiitb.ac.in| IIITB

Scientific Calculator

With devops

1. INTRODUCTION
2. TESTING, BUILDING
3. CONTINUOUS INTEGRATION
4. CONTAINERIZATION
5. DEPLOYMENT
6. MONITORING USING ELK
7. PIPELINE

**INTRODUCTION**

* **Problem Statement:**
* **DevOps tool chain:**
* **JAVA:**
* **GIT, GITHUB**

**TESTING AND BUILDING**

* **Junit**
* **Maven:**

**CONTINUOUS INTEGRATION**

* **Definition:**
* **Jenkins:**

**CONTAINERIZATION**

* **Docker:**
* **Create docker image:**
* **Docker File:**
* **Docker hub:**

**DEPLOYMENT**

* **Ansible:**
* **Implementing Playbooks**
* **Running Playbooks**

**PIPELINE**

**LINKS**

**REFERENCES**