

# Lakshmisha

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## EDUCATION

### SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT

B.E IN INFORMATION SCIENCE & ENGINEERING  
2020-2024-CGPA : 8.0

### MOTHER TERESA'S PRE UNIVERSITY COLLEGE

XII TH  
2018-2020 | Percentage : 88.16

### GOVT JUNIOR COLLEGE BIDKALKATTE

X TH  
2017-2018| Percentage : 84.64

## AREA OF EXPERTISE

### PROGRAMMING

Languages:

- Java , C

AWS Cloud Computing:

- S3 , IAM , EC2 , Lambda , Aws Glue, Aws Athena , Aws SNS

FrontEnd Development:

- React JS, HTML, CSS, JavaScript (Promises, API Integration)

BackEnd Development

- Java JDBC, NodeJs, MySQL, SQL, PHP

## ACHIEVEMENT(S)

- Cloud Partitioner Badge From AWS
- Course Completed Certificates for Java , HTML , CSS .

## HONORS & AWARDS

- Participated in the " **Science Project/model**" held on Udupi.
- Participated in the " **District- Level-Badminton** " held on Karkala

## PROJECT(S)

### Tourism Management System Using Database Approach

HTML | CSS | JAVASCRIPT | PHP | SQL

I designed and developed a cutting-edge website catering to travelers, facilitating seamless tour package search and enabling effortless customer bookings.

### Cotton Pest Trap Using Machine Learning Models

MACHINE LEARNING | PYTHON | INTERNET OF THINGS

I Implemented an advanced pest detection system for cotton fields using YOLOv8 and ESP32-CAM, enhancing data collection, annotation, and real- time identification of pest-infested areas. Deployed IoT devices and sustainable pest management solutions, improving crop protection and agricultural productivity.

### Currency Converter Web App

HTML | CSS | JavaScript | API CALLS

I Developed a web application that converts one currency to another in real-time using Currency Converter API and Map API. Integrated API calls and handled asynchronous operations with JavaScript Promises.

### Placement Training Android App

JAVA | XML | SQLite

I developed a mobile application called "Placement Training," which empowers students by providing a comprehensive platform for aptitude- based questions, online tests, and practice materials, enabling them to enhance their skills and excel in placements

## INTERNSHIP PROJECT

### Automated Fault Detection In Turbocharger Using Machine Vision

MACHINE LEARNING | PYTHON

I Developed an automated real-time defect detection system for turbochargers using machine vision, enabling accurate identification of missing components via cam inspection during production.