

# Nagabhushan Baduka

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GITHub | LEETCODE | LINKEDIN | HACKER RANK

## EDUCATION

### KESHAV MEMORIAL ENGINEERING COLLEGE

COMPUTER SCIENCE ENGINEERING BACHELOR'S OF ENGINEERING

CGPA: 8.59

December 2021 - June 2025

hyderabad

### NARAYANA JUNIOR COLLEGE

INTERMEDIATE MPC

Percentage: 98.2%

June 2019 - April 2021

hyderabad

### NALANDA VIDYANIKETHAN HIGH SCHOOL

SSC

CGPA: 10

June 2018 - March 2019

Hyderabad

## SKILLS

#### PROGRAMMING LANGUAGES

Java, Python, JavaScript

#### LIBRARIES/Frameworks

React, Flask, OpenCV, CSS, HTML

#### TOOLS / PLATFORMS

Git, VS Code

#### DATABASES

MySQL, SQLite, MongoDB

## PROJECTS / OPEN-SOURCE

### AUTOMATED CROP YIELD PREDICTION | [LINK](#)

HTML, CSS, Python, Flask, Machine learning

This project predicts crop yields for farmers by considering factors like soil type, season, crop type, and weather conditions. I used the Random Forest algorithm because it provides accurate results. The algorithm is good at handling the relationship between these different factors. To improve the models performance, I combined data from different sources into one dataset, which helps make the predictions more accurate and reliable.

### FACE DETECTION ATTENDANCE SYSTEM | [LINK](#)

HTML, CSS, Flask, SQLite, Machine Learning

This project tracks attendance for employees or students by detecting facial features. I used the KNN algorithm to recognize and identify facial patterns. The Haar Cascade Classifier was employed to detect faces on the screen. Once the face is detected, the attendance is recorded in a CSV file, including the time and date of the entry, providing an automated and efficient way to track attendance.

### STUDENT DATA STORAGE | [LINK](#)

Node.js, Express.js, React.js, MongoDB, JavaScript

This project is a basic MERN application that stores student details, such as their name, roll number, college, and photo. The data is stored in MongoDB, while local storage is used to manage the data on the client-side. The student information is then rendered on the web page, providing a simple interface to view and manage the stored details.

## CERTIFICATIONS

- SQL ADVANCED Certificate - **HACKER RANK**