



# Mr. Harshwardhan Bhagwan Kurale

Walchand College of Engineering, Sangli

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<https://yntarseptar.github.io/my-portfolio/>

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## OBJECTIVE

Inquisitive, energetic computer science specialist skilled in leadership, with a strong foundation in math, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development as a programmer.

## TECHNICAL SKILLS

- Devops
- CI/CD
- Jenkins
- Git
- Apache Tomcat
- Kubernetes
- Docker
- Nagios
- Amazon Web Services
- IAM
- S3
- EC2
- PuTTY
- ANT
- AI/ML
- Computer Vision
- Artificial Intelligence of Things
- Python
- Data Science
- Flask
- HTML
- CSS
- C
- C++
- Java
- Remote Sensing & GIS
- SQL (My SQL)
- NoSQL (Mongo-DB)

## EDUCATION

Program	Stream	Institution/Board	%/CGPA
Master of Technology 2022-24	Computer Engineering	Walchand College of Engineering Sangli.	7.62 (Till Third Semester)
Bachelor of Technology 2019-22	Computer Engineering	ATS Sanjay Bhokare Group of Institutes, Miraj Sangli.	8.65 [ 81.5% ]
Diploma 2016-19'	Computer Engineering	Government Polytechnic Miraj, Sangli.	Second Class
S S C 2015-16'	S S C	Sangli Highschool Sangli.	83.80%

## PROJECTS

### 1. Eye in the Sky : AI driven Drone Surveillance for Incident Management, Dr. B. F. Momin

This cutting-edge project focused on real-time analysis of drone video streams using advanced AI algorithms. The system is designed for autonomous aerial surveillance, offering enhanced incident detection and response capabilities, including accidents, fires, smoke, Accidents, and crowd gatherings.

### 2. Custom ARM Cortex-M0+ Development Board, Dr. B. F. Momin

This initiative involves the design and development of a unique microcontroller board, highlighting proficiency in embedded system design, hardware, firmware, and PCB development.

### 3. Machine Learning based Website Phishing Detection, Mrs. S. S. Rokade

In this project, I rigorously evaluated a Machine Learning-based Website Phishing Detection system using various algorithms on a consistent dataset of 2000+ entries. The selected model will be integrated into applications and web platforms to enhance real-time phishing detection and cybersecurity.

### 4. Vegetation Change Analysis, Dr. N. L. Gavankar

Utilising satellite image processing, RS, and GIS, I examined a decade of changes in urbanisation's impact on vegetation, built areas, and water bodies for informed sustainable urban planning and environmental conservation.

### 6. Milk Spillage Stopper using Arduino Uno, Mrs. S.G. Bavachkar

The objective of this project was to alert people when milk boiled and rose to the brim of the vessel.

### 7. Student-Connect360: Integrated Campus Management System, Mrs. S.G. Bavachkar

The objective of this project is to ease the work of students and faculties in different sectors of Institute with smart cards having unique barcode.

## CERTIFICATIONS

- MongoDB certified MongoDB Basics exemplary Knowledge
- MongoDB certified MongoDB Authentication and Authorisation of Database
- MongoDB certified Basic Cluster Management Engineer

## KEY PROFICIENCIES

- Cognitive Skills: Effective Intelligence, Reasoning, Organising
- Communication and Social Skills: Expressiveness, Social Adaptability, Team Collaboration, Influence
- Leadership: Responsibility, Initiative, Self-confidence, Decision-making
- Resilience: Liveliness, Determination, Courage, Stamina

## LANGUAGES

- Marathi - Native
- English - Fluent
- Hindi - Fluent

## DECLARATION

This is to state that above information is true and correct to my knowledge.



**Mr. Harshwardhan Bhagwan Kurale**