

# ADWAIT TIKEKAR

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## EDUCATION

### Bachelor of Technology, Computer Science and Engineering

Yeshwantrao Chavan College of Engineering    2020 - Present  
CGPA: 8.49

### Senior Secondary (XII), Science

Dharampeth M.P. Deo Memorial Science College    2020  
Percentage: 84.31%

## PROJECTS

### Surakshastra, KAVACH 2023 Hackathon

2023  
Led a team in developing a real-time app designed to detect and report malicious indicators, recognized by being shortlisted for the hackathon's grand finale.

- Technologies Used:** Java, Android Sdk, Google Firebase
- Spearheaded application development targeting malicious indicators across mobile numbers, SMS headers, URL links, and UPI addresses.
- Achieved team recognition through selection for the hackathon grand finale.
- Enabled user-friendly reporting of perceived fraudulent entities.

### Real-time Mask Detection using YOLOv5 and OpenCV

2022  
Personal initiative to develop a real-time mask detection system using the YOLOv5 model and OpenCV, undertaken during my learning phase with YOLOv5.

- Technologies Used:** Python, YOLOv5, OpenCV
- Increased the accuracy of mask detection by custom training the YOLO algorithm on bespoke images.
- Integrated OpenCV to capture real-time video feed and process frame-by-frame mask detection.
- Fine-tuned model parameters to optimize detection speed and accuracy.

### General Store Debt Management System

2021  
Spearheaded the development of a debt management system for general stores as part of my Python coursework, with a focus on enabling efficient CRUD operations.

- Technologies Used:** Python, tkinter (for UI), MySQL (for database management)
- Led a team in designing and implementing a comprehensive debt management solution tailored for general stores.
- Integrated MySQL as the backend database, emphasizing data integrity and efficient query operations.
- Enabled seamless CRUD operations, ensuring real-time updates and accurate debt tracking for store management.

## OTHER EXPERIENCE

### Secretary

ACM YCCE    2023

- Facilitated a comprehensive and interactive Student Development Program (SDP) on Data Structures and Algorithms using C++.
- Provided technical support and assistance during the IRU 2023 Event, ensuring smooth execution and troubleshooting.

### Management Lead

GDSC YCCE    2022

- Successfully organized and managed three events, overseeing a crowd of approximately 110-120 students.
- Coordinated with speakers and facilitators of all the events to ensure smooth execution and successful outcomes.

## SKILLS

C / C++PythonJavaDSAHTML

CSSJSPHPBootstrapMySQL

AndroidFirebaseGitNetlify

FigmaCanvaXAMPP

## ADDITIONAL SKILLS

Problem SolvingTeam Work

Quick LearnerCritical Thinking

Adaptability

## ACHIEVEMENTS

Grand Finalist of KAVACH 2023 HACKATHON (Team Leader)  
Technical Head of Innovations R Us 2023 Event

## CERTIFICATION

JavaScript Essentials 1  
Cisco Netcad (Link)  
Building Web Applications in PHP  
University of MICHIGAN (Coursera) (Link)  
Complete Python Bootcamp  
Udemy (Link)

## PROFILES

GitHub  
Adwait-cpu  
LeetCode  
adwait\_2002  
CodeChef  
adwait\_2002

## LANGUAGES

English	Advanced
Hindi	Proficient
Marathi	Native
German	Beginner

## OTHER

Competitive Programming  
Playing and Watching Sports  
Exploring Trending Technologies  
Solving Puzzles