

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