

ROHIT YAKKUNDI

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 <https://github.com/rohit9481>  <https://rohit9481.github.io/RohitYakkundi/>

Education

PES University

2023 – Present

Bachelor of Science in Computer Science

Engaged in studies of Human-Computer Interaction, Graph Theory, Database Management Systems, and Design and Analysis of Algorithms, Algorithms for Information Retrieval.

KLS's Shri Vasant Rao Potdar

2020 – 2023

Bachelor of Science in Computer Science

Gained knowledge in Operating Systems, Python programming, and introductory Database Management Systems.

Technical Skills

- **Languages:** Python, Java, C
- **Frameworks/Libraries:** OpenCV, NumPy, Tkinter
- **Databases:** MySQL, MongoDB
- **Methodologies:** Agile, Scrum
- **Web:** HTML, CSS, JavaScript
- **Version Control:** Git, GitHub
- **APIs:** Basic RESTful APIs
- **Other:** Data Structures, Algorithms, Problem-Solving.

Projects

Theft Alert Detection System - [Link](#)

May 2023

- Developed a theft detection system using Python, OpenCV, and Tkinter for real-time monitoring and alerts.
- Integrated object detection to identify suspicious activities and trigger notifications via phone calls and emails.
- Added a user-friendly interface with visual and sound alerts (beep) for immediate response.

Mental Health Awareness Website - [Link](#)

November 2024

- Designed a responsive website dedicated to promoting mental health awareness and stress management.
- Developed a distraction-free, clean user interface with resources like articles, exercises, and helplines.
- Focused on accessibility, ensuring the website functions well across various devices and browsers.

Car Parking Detection Using OpenCV - [Link](#)

October 2023

- Engineered a parking management system utilizing Python and OpenCV to detect available and occupied parking slots.
- Designed a visual interface that displays real-time parking slot status with high accuracy.
- Demonstrated the project during a college workshop, receiving positive feedback for practical implementation.

Certifications

1. OOPs Concepts- [Link](#)
2. Java Programming - [Link](#)
3. Python Programming - [Link](#)
4. Responsive Web Design, FreeCodeCamp - [Link](#)
5. AWS Educate Getting Started with Compute - [Link](#)

Leadership / Extracurricular

Spring 2022 – Present

- **Cycling,** Completed a **120km** ride, progressively increasing distances from 10km.
- **Hockey,** Played for the school team from 09/2018 to 10/2019.
- **Football,** Participated in football activities.