

OMKAR PHADATARE

AI/ML INTERN



EDUCATION

2023 - PRESENT
BACHELOR OF TECHNOLOGY
VIT BHOPAL UNIVERSITY

- electronics and communication engineering

2021 - 2023
HIGHER SECONDARY EDUCATION
SANTMAI JUNIOR COLLEGE

- Percentage : 80.00 %

SKILLS

- Machine Learning
- NLP
- Computer vision
- Data science
- Predictive Modeling
- Data Modeling

LANGUAGES

- English
- Hindi
- Marathi

CONTACT

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- 🌐 <https://github.com/omkar703>

PROFILE INFO

I'm an engineering student with a real passion for AI, IoT, and embedded systems, and I'm all about creating practical and scalable tech solutions. I've had the chance to work on some exciting projects in smart waste management, robotics, and health monitoring, where I've been able to blend hardware and software seamlessly. With skills in sensor integration, signal processing, and full-stack/mobile development, I thrive on leading teams and tackling real-world challenges with innovative technology.

PROJECTS

CARDIOSIGHT: INTELLIGENT ECG SIGNAL CLASSIFICATION SYSTEM

I developed a real-time ECG analysis system with Python and machine learning to identify various heart conditions like Normal and AFib from sensor data. I was able to achieve around 80% accuracy by utilizing features from PhysioNet.

MARGARAKSHAK - ROAD SAFETY NAVIGATION APP

I created an Android app using Kotlin and Jetpack Compose aimed at improving road safety. It features real-time GPS tracking, geofencing alerts for potential dangers, and speed monitoring. Plus, I integrated the Google Maps SDK and location APIs, all wrapped up in a sleek dark-mode interface.

ECOBIN - SMART WASTE REWARD SYSTEM

I created an innovative waste management solution that uses IoT technology, featuring ESP32 and OLED displays to encourage users to dispose of waste correctly by rewarding them. I also developed a real-time tracking and incentive dashboard with JavaScript, Flask, and SQL to help promote environmentally friendly habits.

PROFESSIONAL CERTIFICATES

- **Complete Data Science, Machine Learning, DL, NLP Bootcamp**

online courses : [Krish Naik](#)

- **Complete Generative AI Course With Langchain and Huggingface**

online courses : [Krish Naik](#)