

## CONTACT

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- Pune, Maharastra

## EDUCATION

- 2023 - 2027  
MIT-WORLD PEACE UNIVERSITY
  - Bachelor's in Electronics and Communication Engineering
- 2015 - 2023  
BHARATI VIDYAPEETH SCHOOL
  - CBSE Class 10 & 12

## SKILLS

- 1. Full Stack Development -
  - React.js, Express.js, Node.js
  - MongoDB, Fetch API, OAuth
  - Next.js, JavaScript, TypeScript
- 2. Languages -
  - C, C++, Python, Embedded C
  - Java, JavaScript, TypeScript
- 3. Electronics -
  - ALP, PCB Design, Circuit Debug
  - Arduino Uno, ESP-32, Sensors
- 4. Softwares & Tools -
  - Arduino IDE, Keil uVision, Cisco Packet Tracer, Git
  - Unity3D, Blender, Figma

## LANGUAGES

- English
- Hindi
- Marathi
- German

# OM GHARE

ECE STUDENT | IOT & EMBEDDED SYSTEMS  
ENTHUSIAST | FULL-STACK DEVELOPER

## PROFILE

Passionate Electronics and Communication Engineering student with a keen interest in embedded systems, full-stack development. Seeking opportunities in internships, research, and collaborative projects to apply and expand my technical knowledge.

`</>` [www.github.com/om-ghare](https://www.github.com/om-ghare) [www.linkedin.com/in/omghare](https://www.linkedin.com/in/omghare)

## PROJECTS

- Dual-Axis Solar Tracker**
  - This project consists of sensors which detects the incoming light and sent the signals to microcontroller that triggers the motor and displaces panel in the direction of source.
- Soil Moisture Detector**
  - This project consists of custom made PCB integrated with IOT in which the Soil moisture sensor collects the soil data and sends to the Arduino through the PCB to interpret the data and provide the readings to any Bluetooth enabled device.
- Password Manager**
  - Built a web app using React, Express & MongoDB for Passwords which allows users to securely store, retrieve, and manage passwords. Implemented encryption, CRUD operations, and a responsive UI for an enhanced user experience.
- Link-In-Bio Tool**
  - This is a Next.js & MongoDB based Project that allows users to create a custom page for their links. it provides a seamless experience for managing and sharing multiple links from a single, customizable profile.

## CERTIFICATES

- MATLAB Onramp & Simulink Onramp (MATLAB)
- Data Visualization using Cognos (IBM)
- Digital Marketing (Google)
- Arduino Training (Spoken Tutorial IIT Bombay)

## EXPERIENCE

- |   |      |   |      |
|---|------|---|------|
| <b>Smart India Hackathon</b>  | 2024 | <b>HackMIT</b>  | 2025 |
| Participant   |      | Participate   |      |
| Participated in the Hardware problem statement with a team project. |      | Participated in the Hardware problem statement with a team project. |      |