

MANAS GADGE

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EDUCATION

B.E. IN ELECTRONICS AND TELECOMMUNICATION | CURRENTLY PURSUING

- K.C. College of Engineering Management Studies and Research, Thane.

HSC, MAHARASHTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION | JULY 2019 – MAY 2020

- Mahatma Gandhi Jr. College, Ambernath.

SSC, CENTRAL BOARD OF SECONDARY EDUCATION | JULY 2014 – MAY 2018

- Aspee Nutan English Medium High School, Malad.

EXPERIENCE

WEB DEVELOPER INTERN | SAHU TECHNOLOGIES | AUGUST 2022 – SEPTEMBER 2022

- Build an E-commerce website from scratch for shopping and display various types of items on the web page, Technology used (HTML, CSS).

ANDROID DEVELOPER VIRTUAL INTERN | AICTE EDUSKILLS | SEPTEMBER 2023 – AUGUST 2023

- Build an Android app with Kotlin and Jetpack Compose with a recycle view and scrollable list.
- User flow and UDF pattern work with state and events and making of responsive UI.
- Connect to the internet and SQL database, add a navigation component to the app, and use it to navigate between fragments.

PROJECTS

IoT-Based Air Quality Monitoring System

The IoT-based air quality monitoring system employs NODEMCU, MQ-135, and BMP280 sensors to capture real-time air quality data. Utilizing ThingSpeak for data display, the system offers a user-friendly interface showcasing key metrics. This setup enables remote monitoring and timely insights into air quality conditions, fostering informed decision-making for environmental well-being.

Fire Fighting Robot

The Fire Fighting Robot integrates a Flame Sensor for fire detection, triggering the Micro Servo Motor to direct the Single Shaft Motor for precise movement. Equipped with a Mini Water Pump and Relay Module, it delivers targeted water release for firefighting. The L298N Motor Driver Module ensures efficient motor control, with connectivity managed through the NodeMCU and USB to Serial Adapter. The robot, featuring a Rubber Wheel for traction, presents a comprehensive solution for autonomous firefighting.

SKILLS

- Java
- MySql
- HTML
- Figma
- C++
- Kotlin