

# NOHIN SABU

B.E. – Electronics and Telecommunications Engineering

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Github: <https://github.com/nohinsabu>



## Summary

Resourceful person with extensive knowledge of various programming language. I'm an enthusiastic person who likes to learn various new things and is very keen to find solutions when facing any troubles. Critical thinking is the quality that describes me the most.



## Education

**Rajiv Gandhi Institute of Technology, Mumbai**

B.E. – Electronics and Telecommunications Engineering | CGPA: 8.8/10

**Nirmala Memorial Foundation College of Commerce and Science, Mumbai**

12<sup>th</sup> | MSBHSE | Percentage: 71.54/100

**Mahindra Academy, Mumbai**

10<sup>th</sup> | MSBHSE | Percentage: 89.8/100



## Projects

### Fire Alarm System:

The project was made using Arduino UNO. The aim of this project is to switch on the siren accompanied by blinking LED light when fire is detected in the vicinity of the project.

### Object Detection System:

This project was made using Raspberry Pi. The aim of this project was to detect the distance of the object and if the distance was within a certain limit, the LED would blink.

### Smoke Detector:

The project was made using PIC microcontroller. The aim of this project was to detect any form of smoke and to activate the buzzer when it was detected.

## **Automatic Washing Machine System:**

An automatic washing machine system was simulated using VHDL language. The main aim of this project was to create a washing machine that would do the entire washing process on it's own without having to operate anything once the clothes are put in it.

## **Price Prediction of different Financial Assets using Machine Learning:**

This project is a Python based Machine Learning project that predicts the price of financial assets like stocks, gold, house market and combines it in a single website making it easier for the user to access the rates of these financial assets more efficiently. ARIMA Model is the main model being used in this project along with linear regression and random forest algorithm.

## **Customer Relation Management App using Django:**

This is a website where a user can store all the data in a tabular manner. The tabular manner helps the admin to distinctively view the data related to any particular user in the database and make decisions accordingly, thus helping in efficient customer relationship. The user is able to create, read, update or delete any data at any given time when logged in, thus providing good flexibility to the user.

## **Task Manager using Nodejs**

In this project, a website is created with the help of nodejs, expressjs and some vanilla javascript. This website allows the user to enter a task and a list is created accordingly. Once the task is completed, user can edit it in the website. It also allows the update or delete a particular task. Basically, the CRUD operations can also be applied here.



## **Skills**

- Python
- SQL
- jQuery
- Javascript
- Java
- Full Stack Web Development
- Bootstrap
- PHP
- Django
- Nodejs
- Expressjs
- Reactjs
- MongoDB



## Assessments/Certifications

### Web Development by Internshala

Key skills: HTML, CSS, Bootstrap, SQL, PHP

### Complete Python Programming Python Basics to Advanced Python by Udemy

Key skills: OOPS, Inheritance, Polymorphism, Abstraction, tkinter



## Seminars/Trainings/Workshops

### Raspberry Pi workshop by IEEE Rajiv Gandhi Institute of Technology

**Key skills:** Python Programming for Raspberry Pi, Proteus Software Simulation of Raspberry Pi, Hands – on demo of Raspberry Pi



## Personal Interests/Hobbies

- Sports
- Astrophysics



## Personal Details

**Gender:** Male

**Date of Birth:** Oct 23, 2001

**Marital Status:** Unmarried

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