

SUBRAT SINHA

Pre Final Year CSE Undergrad

Passionate about technology and always interested to learn new thing.



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EDUCATION

B.Tech, CSE With specialization in Internet of Things and Smart Cities

University of Petroleum and Energy Studies, Dehradun

08/2019 - 2023

8.36/10

12th (CBSE)

Kamal Model Sr. Sec. School, New Delhi

2017 - 2018

80%

10th (CBSE)

Kamal Model Sr. Sec. School, New Delhi

2015 - 2016

8.8/10

PERSONAL PROJECTS

Bookshop Management System

- Developed an application for book depot's owners in which they can update and access all the information about sales and purchases of books.
- User able to add sales record, add customer details, update stocks and access all the data.
- Technology used : python.
- [subratsinha/BookShop-Management-System- \(github.com\)](#)

Smart street light system using IoT

- Designed and developed a system which can reduce the excess use of electricity by street lights.
- At night, if there is no movement of the vehicles or person in the street, then the light will automatically turn off and also it will eventually turn on with the detection of the movement.
- Technology used : Internet of Things(IoT), Arduino, various sensors.
- [subratsinha/Smart-Street-Light-Using-IoT \(github.com\)](#)

JSON based Inventory management system

- Developed an application for retailers wherein they can update and get to all the data about deals and acquisition of stocks.
- User can update stock details, update sales record and generate bills for customers.
- Technology used : Python, NOSQL database.
- [subratsinha/Inventory-Management-System-based-on-JSON \(github.com\)](#)

WORK EXPERIENCE

Technical Head Smart Analyzers

05/2021 - 2023

Dehradun, India

Smart Analyzers is the Data Science Society of UPES.

Achievements/Tasks

- My responsibilities include management & leadership of 50+ students.

SKILLS

Python

C++

HTML 5

MYSQL

IoT

Arduino

Data Structure

Algorithm

Linux

Object Oriented Programming

CSS

Django

Problem Solving

CERTIFICATES

Python Data Structure (05/2020 - 2023)

An online course from University of Michigan available on coursera platform

Introduction to HTML 5 (06/2020 - 2023)

An online course from University of Michigan available on coursera platform

Introduction to Artificial Intelligence (07/2020 - 2023)

An online course from IBM available on coursera platform

Introduction to IoT (02/2021 - 2023)

Certificate of completion of online course from Stanford university.

Accenture Developer Program (07/2021 - 2023)

Developer program by Accenture

Technology consulting virtual intership (07/2021 - 2023)

Virtual intership program by Deloitte

LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Gaming

Cricket

Listening song