

# SAHIL KUMAR

KJ SOMAIYA INSTITUTE OF TECHNOLOGY

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📍 Thane, Maharashtra - India

in LinkedIn

🐙 GitHub

## EXPERIENCE

### AI Amplify 1 Finance and Atrina

📅 Jul 2023 - Jul 2023      📍 Mumbai - India

- Developed three projects: Face and real voice detection, Sentiment analysis and Auto sentence completion recommendations.
- Implemented it using Python, Flask, Django, Html, Css and JavaScript.

### DeepBlue Hackathon Mastek

📅 Oct 2022 - April 2023      📍 Mumbai - India

- Developed a Voice Based Authentication System based on the users registered voice it will authenticate it give entry or denies.
- Implemented it using Python, Flask, Html, Css and JavaScript.

### Embedding Systems and IOT Internship Lissom Technology

📅 Dec 2021 - Jan 2022      📍 Mumbai - India

- Developed a Automated LED controller.
- Got a hands on experiencing with ESP8266 Wi-Fi Module and Microsoft Azure to store data on cloud.

### NSS Volunteer NSS unit of KJSIT

📅 Jun 2021 - Mar 2023      📍 Mumbai - India

- Have done a lot of Social work not only for society but also for the environment.
- Did a lot of Cleanups and Donations.

### IEEE Web Development Internship IEEE unit of KJSIT

📅 Jun 2021 - Jun 2021      📍 Mumbai - India

- Learned about the Frontend and Backend frameworks and libraries.

## TECHNICAL SKILLS

### • Programming Languages

- C/C++
- Python
- JavaScript
- Java

### • Frameworks & Libraries

- HTML, CSS
- Flask
- Node JS
- Express Js
- MongoDB
- Firebase
- MYSQL
- Bootstrap
- React
- Material UI

### • Version Control

- Git
- GitHub

### • Other Tools

- Figma
- Adobe XD
- Canva

## COURSEWORK SUBJECTS

- Computer Networks
- Database Management System

## EDUCATION

### Btech in EXTC

📅 2020 - 2024      📍 Mumbai - India

KJ Somaiya Institute of Technology

### Science

📅 2018 - 2020      📍 Mumbai - India

Pace Junior Science College, Thane

### School

📅 2008 - 2018      📍 Mumbai - India

D. A. V. Public School, Thane

## PROJECTS

### Voice Based Authentication

- HTML | CSS | JAVASCRIPT | FLASK | PYTHON | FIREBASE
- Designed and implemented the front-end user interface using HTML and CSS to create an intuitive and user-friendly experience.
- Leveraged Flask, a Python web framework, to create the server-side functionality.
- Incorporated Python and machine learning techniques to process and analyze voice inputs.

### Virtual Labs

- HTML | CSS | JAVASCRIPT | FLASK | PYTHON | FIREBASE
- Spearheaded the development of a cutting-edge virtual laboratory platform by leveraging a robust tech stack
- Implemented interactive features using JavaScript to simulate real-time responses and interactions within the virtual lab environment.

### Automatic Flush Bot

- Arduino UNO | Stepper Motor | Stepper Motor Driver | Ultrasonic Distance Sensor
- Developed an automatic flush bot project utilizing an Arduino Uno microcontroller and various hardware components.
- Integrated an ultrasonic distance sensor to detect the presence of individuals near the toilet.
- Implemented a stepper motor and stepper motor driver to automate the flushing mechanism.

### Other Projects

- Remote Control Car
- Website For IEEE Unit Of KJSIT

## CERTIFICATIONS

- Postman API Student Expert
- DSA In Python Of NPTEL
- Crash Course On Python
- Fundamentals Of UI/UX Design By Google
- Introduction To Web Development By Meta