



# Soham Chakraborty

Final Year Undergraduate | Computer Engineering

Terna Engineering College, Mumbai

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## Profile

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### LANGUAGES

- Python
- Javascript
- C

### WEB TECHNOLOGIES

- HTML
- CSS

### VERSION CONTROL SYSTEMS

- Git
- GitHub

### SOFT SKILLS

- Adaptable
- Quick Learner
- Dedicated
- Proactive approach
- Soft Spoken

### SPOKEN LANGUAGES

- English
- Hindi
- Bengali

### HOBBIES

- Reading books
- Listening to music
- Aquascaping

A meticulous and organized individual skilled in design and integration with intuitive problem-solving skills. Proficient in PYTHON and Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start my career as an entry-level software engineer with a reputed firm driven by technology.

## Education

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EXAMINATION	INSTITUTION	YEAR	CGPA/%
B.E	Terna Engineering College	2019 – 2023 (6 <sup>th</sup> Sem)	9.02/10
HSC	Atomic Energy Central School-4, BARC	2019	81%
SSC	Atomic Energy Central School-1, BARC	2017	10/10

## Internships

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**Engineering trainee - Nuclear Power Corporation of India (NPCIL)(Govt of India) | June 2022**

- Worked on a neural network based prototype for a network intrusion detection system, targeting to secure the communication network between embedded reactor consoles and operator work stations.
- analyzed the performance of implemented system and prepared technical documentation for it.

## Projects

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**Machine learning based system for breast cancer prediction | 2022 -**

- Machine learning algorithms were implemented to learn trends from a medical dataset and then use them to predict occurrence of cancer based on patient biopsy data.

**Image processing based system for Intruder detection | 2021 -**

- OpenCV libraries were used in python to create a motion detection algorithm which detected motion by comparing frames and finding out relative differences between frames.

**Voice based email system for visually impaired users | 2020 -**

- Implemented an email system which performed the task of sending and reading emails by using voice commands.