

# Supratik Chakraborty

[github.com/DeagleOfficial](https://github.com/DeagleOfficial) | [linkedin.com/in/Supratik-chakraborty](https://linkedin.com/in/Supratik-chakraborty) | [supratikchakraborty.netlify.app](https://supratikchakraborty.netlify.app)

## EDUCATION

### MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

#### BACHELOR OF TECHNOLOGY

Graduating 2023 | Kolkata, India  
Major – Information Technology

### DON BOSCO SCHOOL, KOLKATA HIGH SCHOOL DIPLOMA

Graduated 2019 | Kolkata, India  
ICSE (Science | Computer Science) 94.4%  
ISC (Science | Biology) 92%

## SKILLS

### PROFICIENT WITH -

■ Python 3 ■ ML & DL ■ Statistics ■  
TensorFlow ■ Google Cloud Platform ■  
JavaScript (ES6) ■ React/Redux JS ■ P5 JS  
■ JQuery ■ HTML5 ■ CSS3 ■ Bootstrap ■  
Sass ■ Flask ■ MySQL ■ DBMS ■ Node JS  
■ Java ■ C ■ C++ ■ Data Structures &  
Algorithms ■ Git ■ Linux

## EXPERIENCE

### WEB DEVELOPER & ML RESEARCHER

**DEPARTMENT OF IT, RCCIIT** – Worked  
with a collaborative research team on a  
Computer Vision & surveillance project

### 30 DAYS OF CLOUD TRAINEE

#### QWIKLABS & GOOGLE CLOUD

**PLATFORM** – Completed 30 Days of  
Cloud Challenge and received  
certification in Cloud Engineering & AI  
ML Tracks.

### WEB DEVELOPER & TEAM LEAD

**TEAM RENEGADES, RCCIIT** – Led a team  
of developers on a Full stack Solution for  
Skin cancer detection, which took us to  
the finals of ABGI International Health-  
Tech Challenge.

### OPEN SOURCE CONTRIBUTOR

#### REMOTE, MULTIPLE PROJECTS

Contributed to public projects and open  
sourced my personal projects.  
Completed Hacktoberfest in 2020.

## PROJECTS

### FULL STACK WEB APPLICATION FOR SKIN

**CANCER DETECTION** – Led a team of developers to  
build a full stack solution using Multi-CNN models and  
Flask and React JS.

### PROSTATE CANCER CLASSIFICATION WITH SUPERVISED LEARNING

– Developed a model  
based on the KNN algorithm and implemented using  
Python and Scikit-Learn.

### ALGORITHM VISUALIZER WITH P5 JS –

Developed visualizations of common sorting algorithms  
using P5 JS – Added support for Bubble sort, Merge sort,  
Insertion sort, Heap sort, and Quicksort.

### WEATHER WEB APPLICATION WITH PUBLIC

**APIs** – Developed a Weather Web Application using the  
OpenWeatherMap API and React JS. Added support for  
City-based search and geolocation on user discretion.

### BOOKSTORE MANAGEMENT SYSTEM WITH

**JAVA AND JXL API** – Built Bookstore Management  
CLI and JXL API for my ICSE Computer Applications  
project.

## AWARDS & ACHIEVEMENTS

### YOUNG INNOVATOR AWARD

**HACK FOR INDIA 2020** – Prototyped an IOT Solution for a  
Warmable Patient Mattress with Arduino which won the  
Young Innovator award at Hack for India 2020.

### INTERNATIONAL HACKATHON FINALIST

#### ABGI DIGITAL HEALTHTECH GRAND CHALLENGE –

Reached the finals of ABGI Digital Health-Tech Grand  
Challenge out of 921 teams for a Full stack solution for  
Skin Cancer Detection and Lesion Classification.

### FACEBOOK HACKERCUP QUALIFIER

**FACEBOOK HACKERCUP 2020** – Made it past the  
Qualifiers of Facebook Hackercup 2020 to the second  
round and finished ranking 2865 out of 13820 participants.

### FEATURED IN TOP 10 B PLANS

**TELOS 2020 – MYWBUT** – Proposed Smart Self-defence  
solution to prevent Sexual Violence against Women.

### FEATURED IN TOP 10 PROJECT IDEAS

**EXORSA 2019 – MYWBUT** – Proposed a Sustainable  
Smart Cities Solution which was featured in Top 10 Project  
Ideas at Exorsa 2019.