

Supratik Chakraborty

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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.