

# MAINAK CHAUDHURI

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## EXPERIENCES

### [Mentor @ Placeopedia \(Dec, 22 – Apr, 23\)](#)

- Assisted and monitored preparation of courses.
- Taught elementary and intermediate concepts of coding.
- Guided students in placement and career development.
- Written codes in **Python** and **C++**.

### [Backend Developer Intern @ TechInfer \(May, 22 – Jun, 22\)](#)

- Worked with **REST APIs** and backend architectures of a social media website.
- Worked on integration of the back-end with the front-end.
- Managed the databases (**MongoDB clusters**) and worked on the data flow.
- Used **ReactJS, ExpressJS and NodeJS** in the project.

### [Django Developer Intern @ Zummit Infolabs \(Jan, 22 – Apr, 22\)](#)

- Built and integrated full-scale Deep Learning models (**.h5 files**) with the back-end.
- Developed Django Forms and Views.
- Re-designed frontend components using bootstrap.
- Also, made use of **Streamlit Cloud** services for deploying components.

## EDUCATION

### **B. Tech, SRM Institute of Science and Technology, Chennai. (2019 – 2023)**

Stream: Computer Science and Engineering | **CGPA: 8.54**

## PROJECTS

[Healthifer - An Integrated Health-care Application](#) | [Speech Emotion Recognizer](#) | [Quantum Viewer](#) | [Arogya Pro – Multiple Disease Predictor](#) | [Tomato Leaf Disease Detector & Remedial Recommendation System](#) | [Yoga Smart](#) |

## SKILLS

Machine Learning | Data Science | Software Development | Python | ReactJS | PHP | Project Management | Project Management | Microsoft Excel | Leadership | PowerBI | Technical Writing | Research & Technological Development |

## CERTIFICATIONS

[MERN Stack Course – Udemy](#) | [Splz. in Statistical Python – Coursera](#) | [Complete ML in Python and R– Udemy](#) | [DBMS Foundations – Oracle](#) | [MATLAB Onramp – MATLAB](#) | [Deep Learning with TensorFlow – IBM](#) | [DSA - FreeCodeCamp](#)

## AWARDS

Gold Medal in International Science Olympiad (Stage - II), Data Scientist Badge (IBM), 6 Star in Python - HackerRank

## PUBLICATIONS

[Case Study on Notebooker Pro, Manuscript](#) | [Case Study on NLP-based application](#) | [Healthifer Application Publication](#)