# Surya Sarkar

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## EDUCATION

**University of Engineering & Management,Kolkata** **06/2019 –06/2023**
*B.Tech in Computer Science -* ***CGPA - 9.15*** *Kolkata, India*

**ST. Paul's Mission School,Kolkata** **04/2018 – 04/ 2019**
*12th -* ***69.83%*** *| 10th -* ***77.5%*** *Kolkata, India*

## TECHNICAL SKILLS

**Languages:** Python, Java, SQL, HTML
**Developer Tools:** VS Code, Jupyter Notebook, Google Colab, Github, MS-Office
**Technologies/Frameworks:** CSS, Numpy, Pandas, Tensorflow, Keras, Scikit-learn, Streamlit, ReactJS

## COURSEWORK

- Data Structures
- Machine Learning
- Operating System
- RDBMS
- OOPS

## INTERNSHIP

**Bluepen** **10/2021 – 12/2021**
*Machine Learning Engineer* *Remote*

- Colaborated with the client to gather information about the product.
- Developed a object detection model using YoloV5 for detection of smoke in a scene.
- Implemented various machine learning algorithm to detect whether a website was hacked or not and also solved business analytical problem.

**CodeSpeedy Technology Private Limited** **01/2021 – 02/2021**
*Python Developer* *Remote*

- Contributed by developing python projects and prepared documentation for the source code
- Implemented PIL Library,speech recognizer Api and other python libraries to develop the projects

## PROJECTS

**Project Management System** | Javascript,Reactjs,Firebase,Html,Css,Jsonwebserver **2022**

- Developed a React-based project management tool that allows users to add projects, assign tasks to designated persons, and view project status, resulting in improved organization and productivity.
- Designed a user-friendly dashboard to provide an overview of ongoing and completed projects and tasks.
- Implemented email notifications using Emailjs for assigned tasks, ensuring timely completion of tasks and effective communication among team members.

**Weather Application** | Html,Css,Javascript **2021**

- Developed a weather app using HTML,CSS and Javascript
- Implemented OpenWeatherMap Api to fetch the weather data in real time and also implemented a changing background

**Smart Car Parking Detection System** | Detectron2,Pandas,Numpy,Streamlit **2022**

- It is machine learning web based application that has developed to detect whether there is empty parking spaces or not.
- To develop the model we have implemented detectron2 algorithm and then we have deployed the model using streamlit and also integrated an analytical dashboard .

## CERTIFICATIONS

- Machine Learning  Deep Learning in Python - Udemy
- Programming for Everybody (Getting Started with Python) - Coursera
- Data Analysis with Python - CognitiveClass AI