

SURYA SARKAR

☎ +91-9330772747 ✉ suryasarkar18@gmail.com 🌐 <https://github.com/Suryageeks> <https://leetcode.com/suryasarkar18>

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, ReactJS, NodeJS, ExpressJS, JWT, MongoDB

COURSEWORK

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

INTERNSHIP

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

- Collaborated 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 **2023**

- 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.

Point of Sale Application | NodeJS, ExpressJS, ReactJS, MongoDB **2023**

- Developed a web application utilizing MERN stack that allows sellers to easily select items from a menu and generate orders for customers. Also implemented authentication and authorization features using JWT
- Developed an invoice generation feature that generates invoices for orders and facilitating accurate record-keeping. Implemented a dynamic menu management system that enables sellers to easily add and delete products from the menu.

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