

# SAINIK KHADDAR

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## EXPERIENCE

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### **Technical LEAD Coordinator at Jadavpur University E-CELL & IEEE JUSB - July 2021 – PRESENT**

Worked on the development of an various event webpages, hosting, backend, production and deployment (AWS)

### **TEACHING ASSISSANT AT CODING NINJAS (DATA-STRUCTURES AND ALGORITHM) April 2022-Present**

### **BACKEND DEVELOPER +MARKETING INTERN AT FLUTTER - DECEMBER 2021 – MARCH 2022**

- Made a few changes in the matching algorithm and fixed a few bugs. Also developed creative content for marketing.

### **Junior WebDeveloper intern at Expertrons - AUGUST 2021 – DECEMBER 2021**

- Translated **designs and wireframes** into a highly responsive **user interface** and **reusable components** using **React.js**.
- Used **Back-End APIs** to display data using the **Custom Components, library Components, and Redux**.

## PROJECTS

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### **Ncrypto – One stop solution for your crypto trades**

Links:- [Github](#) [Website](#)

- Presenting before you our unique proposition, nCrypto, a one stop solution for all your crypto trades. nCrypto is not just any trading platform that helps you to see crypto currency prices. But it is one of the very first platforms, which analyses cryptocurrencies for you, and gives you automated suggestions on the future prices of these cryptocurrenciesd these prices e backed by proper on tstistics, and technical analysis pattern and volumes..

### **Menstruration-Tracker**

Links:- [Github](#) [Website](#)

A website that helps women track their menstrual cycle, Pamper booth that offers some unique feature to cater mood swings, Gynecologist help for medical assistance, This website provides all the necessary help and assistance that a woman needs in this phase of their monthly cycle.

### **VOICE RECOGNITION AND EMOJIFY**

Links:- [Github](#) [Website](#)

**Emojify\_text\_sentences\_simple\_baseline\_model + Recognize voice of a person with Addaboost**

### **RESUME-SELECTION-MACHINE-LEARNING**

Link:- [Github](#) [Website](#)

Build a Machine Learning Model on Naïve Bayes classifier to predict whether a given resume text should be flagged or not. Our training data consist of 125 resumes with 33 flagged resumes and 92 non-flagged resumes. Matplotlib and seaborn libraries were used for Data Visualization. Natural Processing Toolikt (NLTK) was used for pre-processing the written text (removing stop words and unnecessary words).

### **Prediction-of-COVID-19-using-Chest-X-ray-Images-Convolutional-Neural-Network-CNN-main**

Link:- [Github](#) [Website](#)

In this project, Built and trained a convolutional neural network in Keras with TensorFlow as backend from scratch to predict patients if they were infected with COVID-19 or not using their chest X-ray images. The model used was sequential with a combination of convolutional layers, pooling layers, dropout layers, dense layers with relu activation and output layer with sigmoid activation.

### **MACHINE LEARNING PROJECTS:-**

Link:- [Github](#) [Website](#)

IPL SCORE PREDICTION (1<sup>ST</sup> INNINGS) , Data Scientist salary prediction, IIT admission/ selection prediction, diabetes classifier

### **WEB DEVELOPMENT PROJECTS:- (USING MERN STACK)**

Link:- [Github](#) [Website](#)

**HOSTELio** - Students can find suitable hostelrooms in this pandemic era. and a complete picture of the room-structures they want via BLOCK SYSTEMS before booking. Face Recognition Attendance System automatically records the number of times students is going out of our hostel, the exact time when he has gone out and returned.

**ChooseLyf**- Heathcare webapp (ambulance booking, blood-availability, day to day symptoms disease prediction, doctor appointment)

**CLONES**- FACEBOOK (USING PHP-MYSQL), SPOTIFY(VANILLA JS), AMAZON (REACT APP)

**ECOMMERCE PLATFORM (USING BLOCKCHAIN)**- CURRENTLY DOING THIS PROJECT FOR SMART INDIA HACKATHON 2022

## EDUCATION

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### JADAVPUR UNIVERSITY, KOLKATA

2020 – 2024

B-TECH ELECTRICAL ENGINEERING

CGPA: 9.3/10 (Till 4th Sem)

## SKILLS

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Strongest Areas: Data Structures, Algorithms, Web Development, Machine Learning

Languages: C++, Javascript, Python

Tools and Frameworks: React.js, Express.js, Django, Git, Github, CNN, Tensorflow, HTML, CSS

Database: MongoDB, MySQL

## ACHIEVEMENTS

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- **1<sup>st</sup> Position in ECELL-MNIT hackathon RUNNERS-UP in Start-Up Grind IIIT BHU Finalists in IIT DELHI hackathon**
- **Stood 4<sup>th</sup> in MANIT BHOPAL HACKATHON AND** Won certificate of appreciation for event management during E-SUMMIT of JadavpurUniversity
- Won best marketing award in Dhl-YUG Ideathonfintech AND –
- **AIR 608 and Global Rank 2070 in Google HashCode**
- 4<sup>th</sup> position in LAUNCHX organized by E-CELL JU
- 17<sup>TH</sup> Position in The Business Finance Quiz organized by [International Institute of Finance and Business](#).
- 4th position in Game of Sharks, Daulat Ram College, Delhi University
- **Runners up in Big Idea, IIM Amritsar**
- Runners up in Synergy'22, Training and Development Club, Delhi School of Economics
- **Nationalist Finalist in Imperium and Pragnya, Annual Business Flagship Event of IIM Indore**
- 4th position in Captain Pitchers, E-Cell, MANIT Bhopal
- Qualified for **SMART INDIA HACKATHON** to represent Jadavpur University on national platform
- Solved over 150 problems on GeeksforGeeks, Leetcode, Hackerrank and 3\* on codechef
- Finalists in WOMEN TECHIES 2022