

Saptarshee Mitra

IT Pre-Final Year
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PROJECTS

D-Warranty web app using NFTs

Nov 2022

Team Project, Semi Finalist @ Flipkart Grid 4.0

Description: A project aimed towards the simplification of the existing chain of warranty validation processes of purchased goods to eliminate the falsification of any product's warranty using blockchain technology. We marched on to grab the prestigious tag of semi-finalists in the hackathon and learned a ton about real-life implementations of Blockchain technology.

Tech Stack: ReactJS, CSS, Polygon

Brokerage Calculator

June 2022

Personal Project

Description: A web app that allows the user to calculate and predict the exact brokerage and transactional costs before the execution of any transaction with a single click. It calculates profits and losses and gives the whole breakdown of the charges while also comparing them across all brokers to find the best-suited option.

Tech Stack: React, CSS

Smart Attendance System – Face Recognition

May 2022

Team Project, 2nd Runner-up @ HackUrWay, Techno India

Description: Aims to provide a simple and secure method of recording attendance. The software captures a picture of all authorized people and stores it in a database. This image is then mapped into a face coordinate structure by the system. Whenever a registered person enters the premises, the system recognizes him and records his time and attendance.

Tech Stack: Python, NodeJS, SQLite, HTML, CSS JavaScript

WORK EXPERIENCE

Frontend Developer | IoT Lab KIIT

Sept 2022 – Present

- Being a part of the IoT lab web development team allowed me to work as a frontend developer with a multitude of tech stacks ranging from frontend frameworks to designing coding sites for various events by leveraging Material UI and Bootstrap in conjunction with ReactJS or NextJS. I am also looking forward to contributing more to the backend aspect of projects, particularly those based on the MERN stack.

Web Developer | ZappCode Solutions

June 2022 – July 2022

- Zappcode Solutions is inclined towards providing quality services to its clients. Together with the web development team in place, I contributed towards the development of various sites as per the requirement of several clients by leveraging my skills in WordPress, HTML, CSS, JavaScript, and Django.

Frontend Developer | The Federation KIIT

Nov 2021 – Aug 2022

- The Federation is one of the most popular societies on the KIIT campus and being a part of their technical team, I lead the development of their podcast page from scratch while also designing their mini event page as well as maintaining their website based on my knowledge of technologies like ReactJS, CSS.

EDUCATION

Kalinga Institute of Industrial Technology

Bachelor of Technology in Information Technology; CGPA: 8.64/10.0

Bhubaneswar, India

Sept. 2020 – July 2024

ACHIEVEMENTS

Flipkart Grid: Semi-Finalist

Devsprint'22: 1st Runner-up, GDSC KIIT

Envisage: 2nd Runner-up @ HackUrWay, Techno India

Other Hackathons: Execute 2.0 by DTU, Cognition by VIT, WCE Hackathon 2022

WORK EXPERIENCE

Languages: HTML, CSS, JavaScript, Python, C/C++, Java*

Libraries / Frameworks: ReactJS, NextJS, ExpressJS*, NodeJS*

Databases: SQL, MongoDB

(* - Intermediate proficiency)