ARGHYADEV SARKAR (HE/HIM)

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EXPERIENCE

ZOHO CORPORATION, Chennai, IN.   Aug 2022 – Present
Member of Technical Staff

COGNIZANT TECHNOLOGY SOLUTIONS, Kolkata, IN.   Feb 2022 – May 2022
Programming Analyst (Intern)
- Domain : Database Visualization and Normalization (Cohort Topper : ICT score : 88% and descent confederate with elocution).
- Trained on Database Management System , Data Modeling , Tech Stack learnt : MySql, Data Analysis and Visualization tools : QlikView, Tableau.

EDUCATION

Cooch Behar Government Engineering College , WB, IN.   Aug 2018 - June 2022
Bachelor of Technology on **Electrical Engineering**   Overall CGPA : 8.80

PROJECTS

BOAT CLONE | *Next.js, Sanity, Stripe, Vercel, JavaScript, CSS*   June 2022
https://boat-clone-eta.vercel.app/
- Used **Sanity** to store product datas and for structured modeling of data; handled 651 successful CDN requests to render data at front-end whereas **Stripe** is integrated for payments
- Mobile responsive , Engaging UI, **0.49s** page response time, built from scratch with **Next.js** and deployed by **Vercel** ; can handle upto 10k data points .

ANTI-COLLISION EV TECH | *Arduino UNO R3, L98N Motor Driver, Ultrasonic Sensor*   March 2022
https://github.com/Into-Y0u/Anti-Collision-EV-Tech
- Organized a team of 8 people to develop (Project Design, Instruments , Simulation Test, Final Prototype) in a penny-pinching budget with **24%** savings.
- Distance is measured in every 0.5 sec between obstacles and vehicles using **Ultrasonics Sonic sensor** and slotted in 4 different zones for drivers convenience.
- Speed of Motor is controlled (at a certain distance stopped) in **0.5s** response time from **Microcontroller** to avoid collision.

FILMOPHILE | *ReactJS , Material-UI , MovieDB API, TiltJs*   Dec 2021
https://filmophile.netlify.app
- Used **API** from **TheMovieDB.org** (24x7 uptime , **0.4 sec** response) to fetch data (Movie, series contents) in json format to build the UI by using **Material UI** react framework.
- Fully mobile responsive, 0.3 sec response time and interactive UI design with **Tilt.js**.

STUDENT MANAGEMENT SYSTEM | *Python3, SqLite, Tkinter*   Nov 2021
https://github.com/Into-Y0u/Students-Management-
- Developed a student management system prototype of school / college with **Python** in the backend, **SqlLite** for database and to create Gui ,uses **Tkinter** .
- Can operate real time **CRUD** operation superfast (0.3s res.) , Mobile responsive and easy to use .

YOUTUBE DOWNLOADER | *Django Framework, Python , Pytube*   Mar 2021
https://github.com/Into-Y0u/YoutubeDownloader
- Introduced a Youtube content (Audio, video) downloader web app with **Django Framework** and Python in the backend ; can fetch available streams of Youtube Videos in 0.45 sec response time.
- Pytube3 python library is used to create and handle the requests and fetch data to usable format and to build a user interface for users.

SKILLS

Proficient : Python, HTML5, CSS3, JavaScript, MySQL, React.JS, C, NextJS, Data Structures..
Intermediate : WordPress, Mongodb, C++, NodeJS, Git, Firebase, Java. Object Oriented Programming
Novice : Typescript, Wix, Machine Learning, Shopify, Django , Qlikview, Figma, VS Code, Linux.

EXTRAS

- **Vocational Trainee** at **WBSEDCL** Naihati Division ,WB.
- Open Source Contribution : **Hacktoberfest'21** , Participation goal achieved.
- **Technical Content Writer** in Tutorial Cup.