ARGHYADEV SARKAR (HE/HIM)

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EXPERIENCE

ZOHO CORPORATION PVT. LTD, Chennai, IN.   Aug 2022 – Present
Member of Technical Staff
- **Technologies** : Core Java, Struts 2 and Backend Operations ; Team - **Zoho Video Platform** .
- Wrote and Integrated 5 new APIs to implement the newest feature "Waiting Room" in the conference that accepts requests from the joiners and notify host/co host to join in ; Handles them on the server end and executes DB operations as per use cases .
- Fixed issue of pre-call making anomaly and improved unauthorized call detection system, speeded up the reaction 90% faster.
- Designed and developed an API for the service team to fetch the details of all participants of an ongoing or any previously occurred conference.
- Improved system to delete "unnecessary" data from DB *periodically* to free up the load and optimize the space .

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

Maulana Abul Kalam Azad University of Technology, WB, IN.   Aug 2018 - July 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 data and for structured modeling of data; handled 651 successful CDN requests so far whereas **Stripe** is integrated for payments gateway with 24x7 uptime.
- Mobile responsive , Engaging UI, 0.49s page response time, built from scratch with **Next.js** and deployed by **Vercel** ; can handle up to 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.

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

SKILLS

Proficient : Core Java. Python, MySQL, C, DBMS, Object Oriented Programming , Git, Github/Gitlab.
Web : HTML5, CSS3, JavaScript, React.JS, NextJS, JSON . Computer Network, REST API. WEBRTC
Familiar : Django, Spring, Mongodb, C++, NodeJS, Firebase, System Design.

EXTRAS

- **Trainee** at **WBSEDCL** Naihati Division ,WB (December 2020 - January 2021)
- Open Source Contribution : **Hacktoberfest 2021** , Participation goal achieved.
- Google kickstart 2021 Round H global rank : 2542
- **Leetcode 3.5* (750+)** and Hackerrank 5* badges on DSA, Java, Python and C++.