

# ARGHYADEV SARKAR (HE/HIM)

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## EXPERIENCE

**ZOHO CORPORATION PVT. LTD**, Chennai, IN.

Aug 2022 – Present

*Member of Technical Staff*

- Mentored in Core Java and Backend Operations ; Team - **Zoho Video Platform** .
- Fixed issue of pre-call making anomaly and improved unauthorized call detection system, speeded up the reaction 90% faster.
- 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 upto 10k data points .

**ANTI-COLLISION EV TECH** | *Arduino UNO R3, L98N Motor Driver, Ultrasonic Sensor*

March 2022

<https://github.com/Into-YOU/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>

- Registered an **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-YOU/Students-Management->

- Developed a student management system prototype of school / college with **Python** in the backend, **SQLite** for database and to create Gui ,uses **Tkinter** .
- Can operate real time **CRUD** operation superfast (0.3s res.) , Mobile responsive and easy to use .

## SKILLS

**Proficient** : Core Java. Python, MySQL, C, DBMS, Object Oriented Programming, Design

**Web** : HTML5, CSS3, JavaScript, React.JS, NextJS, JSON . Computer Network.

**Tools** : VS Code, Eclipse, Vim, Git/Github/Gitlab, UNIX , Linux, Qlikview, Figma, WordPress.

**Novice** : Django, Spring, MongoDB, C++, NodeJS, Firebase, System Design.

## EXTRAS

- **Vocational 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