

# Wriddhi Hazra

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## SKILLS

<b>Languages</b>	C, C++, Java, Python, JavaScript, TypeScript, Go, Rust, PHP, Bash, SQL, HTML, CSS
<b>Frameworks</b>	React.js, NEXT.js, Astro, Node.js, express.js, Nginx, Apache, flask, TailwindCSS
<b>Platforms</b>	AWS, GCD, Digital Ocean, Firebase, Vercel, PlanetScale, Linux, Docker
<b>Tools</b>	Docker, Git, GitHub, Terraform

## EXPERIENCE

### ARSINVENTIF Pvt. Ltd.

*Full-stack Engineering Intern*

Nov 2022 - May 2023 | Kolkata, IN

- **Led system design and development** - A robust web application capable of facilitating secure digital attendance through facial recognition using AI, accessible from any device equipped with a web browser and a camera which reduced attendance taking time by 90%. This application was built using the NEXT.js framework utilizing React with TypeScript for frontend, and a serverless backend via NEXT.js API routes paired with PostgreSQL. The face recognition model is hosted on AWS micro ec2 instance. This supports role-based access where admins can access filtered dynamic data, detailed graphs and exportable CSV reports for official auditing.
- **Led and Developed** - An online fees management portal built with NEXT.js with Typescript for frontend and backend API routes paired with a MySQL database. This web-app enabled students to check pending semester fees and download an auto-generated dynamic receipt as PDF upon payment approval while empowering accounts department of the institute to approve and decline payments from individual students following certain policies on multiple modes of payment while also being able to view the statistics and analytics regarding received, pending and overdue gross revenue and download the required data in a XLSX format.

## PROJECTS

- **Galaxync** - An online collaboration workspace which helps YouTube content creators manage their uploading schedule on the go without giving editors access to their YouTube account. The web-app allows editors to upload the edited videos to a creator's workspace who then gets a notification seeing all the metadata of the video and approves or denies the upload to get published on their YouTube channel on the go from anywhere. This is built in with NEXT.js as a serverless full-stack framework while using the Google Drive API and Google YouTube data v3 API to store the videos on the creator's google drive and upload them on their YouTube channel by using OAuth2 tokens.

## EDUCATION

### JIS UNIVERSITY

(2022 - PRESENT) | Kolkata, IN

*B.Tech. in Computer Science and Engineering*

CGPA: 8.86

## ACHIEVEMENTS

- Won a place in one of the **top 10** innovators in the XR Grand Challenge by **FITT-IIT Delhi** and **Meta (Facebook)**, and invited to attend the live bootcamp at IIT Delhi Campus, Delhi.
- Ranked **14th** in **Ground Zero Hackathon - West Bengal Cyber Challenge, 2022** by Cyber Security **Centre of Excellence, West Bengal & Indian School of Ethical Hacking (ISOEH)**.