

ARCHI JAISWAL

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SUMMARY

Experienced software developer specializing in CyberSecurity and Full-Stack Development. Demonstrated success in delivering innovative and secure applications that meet user needs. Focused on leveraging modern technologies to drive impactful results and enhance technical skills.

WORK EXPERIENCE

Software Developer Intern, Shipsmith Services Pvt Ltd.

Mar 2025 - Sep 2025

SHIPTRACKER(STSS):

[\(Link\)](#)

- Engineered a **real-time ship tracking system** using MarineTraffic API, providing **instant ETA updates** for over **1,000 vessels daily**.
- Implemented **role-based access control**, securing sensitive maritime data for multiple user roles.
- Optimized **front-end (React.js)** and **back-end (Express.js)** workflows, achieving **30% faster request processing** on AWS.

•MERCHANTILE MARINE ACADEMY(MMA):

[\(Link\)](#)

- Developed a **full-stack maritime course management platform** supporting **500+ simultaneous enrollments** with secure payment processing.
- Built an **admin panel with role-based access**, enabling **efficient course creation, seat allocation, and discount management**, reducing manual errors by **40%**.
- Enhanced **real-time seat tracking and dynamic discount logic**, improving enrollment efficiency and customer satisfaction.
- Delivered a **scalable React.js front-end and Express.js/MySQL back-end**, supporting **high-volume user interactions with minimal latency**.

EDUCATION

Techno International Newtown

Kolkata, IN

Bachelors Of Technology,
Computer Science & Engineering (Cyber Security)
CGPA: 7.5/10

Aug 2022 - Aug 2026

Maria's Day School

Kolkata, IN

ISC – 9.2
ICSE – 9.0

SKILLS

- JavaScript and SQL
- HTML and CSS
- React.js and React Native
- Node.js and Express.js
- AWS services
- Database Management
- Version Control With Git

PROJECTS

SmartGrow:

AI-powered Waterless Indoor Plantation System

- Developed a **modular indoor plantation system** using **hydroporation-based watering** and **sensor automation** (moisture, pH, light, temperature), achieving **optimal plant growth with minimal water usage**.
- Integrated an **AI-powered web application** enabling **real-time monitoring, plant health analysis**, and **personalized growth recommendations**, improving plant survival and growth efficiency by **~30%**.
- Designed the system for **scalability and automation**, reducing manual intervention and enabling **continuous plant care for multiple indoor units simultaneously**.

Museify:

Music Streaming & Visualization App

- Built a visually immersive music streaming application using **React Native** with smooth animations, dynamic backgrounds.
- Developed interactive features including animated “Now Playing” screens, breathing effects, and artist profile transitions for an enhanced user experience.
- Integrated seamless navigation and responsive design, ensuring optimized performance and fluid transitions across screens on both iOS and Android platforms.