

PROFESSIONAL SUMMARY

Results-oriented Full Stack Engineer with 3+ years of experience building scalable SaaS solutions and optimizing web performance. Specialized in **Cloud-Native Architecture**, migrating legacy systems to **AWS S3**, and containerizing applications with **Docker**. Proven track record of improving API response times and automating operational workflows to reduce manual workload.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), Java, SQL, Python.
- **Frontend:** React.js, Next.js, Tailwind CSS, Redux Toolkit.
- **Backend:** Node.js, Express.js, Socket.io, REST APIs, Django.
- **Database:** MongoDB (Aggregation Pipelines), MySQL.
- **Cloud & DevOps:** AWS (S3, EC2), Docker, CI/CD Pipelines, Git.
- **Core Concepts:** Data Structures & Algorithms (DSA), OOP, System Design, RBAC Security.

WORK EXPERIENCE

Full Stack Developer & Trainer | Techstack Dec 2023 – Jan 2026

- **LMS Architecture:** Built a production-grade LMS handling **200+ active students** and **50+ weekly batches**, managing the full lifecycle from admissions to certification.
- **Google Meet Integration:** Automated the generation of unique class links and attendance tracking, saving the operations team **~10+ hours per week** in manual coordination.
- **Security Implementation:** Replaced basic login with a **Role-Based Access Control (RBAC)** system using JWT and HttpOnly cookies, securing data for Admin, Trainer, and Student dashboards.
- **Data Integrity:** Engineered an atomic student ID generation system to prevent duplicate records during peak admission cycles.

Javascript Developer | Proses Web Technologies Nov 2022 – Aug 2023

- **API Performance:** Refactored legacy Express.js endpoints, increasing Google Lighthouse performance scores from **30 to 92** (Green Zone) by optimizing database queries.
- **Frontend Optimization:** Reduced React application load time by implementing **Code Splitting** and **Lazy Loading**, resulting in a sub-2-second Time to Interactive (TTI).
- **UI/UX Modernization:** Migrated legacy CSS to **Tailwind CSS**, creating a fully responsive design that supported mobile users for the first time.
- **Production Support:** Diagnosed and resolved critical bugs in the payment gateway integration, reducing transaction failure rates and improving user trust.

KEY PROJECTS

Modern Sensei – LMS/CRM Tech Stack: Next.js, Node.js, AWS S3, Socket.io, Docker

- Implemented modern **UI/UX** to create a seamless design through which institute owners can manage their **dashboards and control their respective institutes**.
- Integrated Socket.io to track active trainer sessions and **calculate attendance** on that basis, also utilising the same to send **real-time notifications with alerts**.
- Used **Google** ecosystem to generate class links through **Meet API** and fetch recordings through **Drive API**.
- Integrated **CRM** capabilities like employee management, leads tracker, Emi tracker, attendance management and leave management system.
- Implemented **System design** concepts and modern practices to improve performance and to ensure future scalability.
- Integrated **Razorpay** and **Decentro** to handle subscription payments and to implement **Pay to Merchant (P2M)**.
- Live Demo: <https://lms-client-jry7.onrender.com>

EDUCATION

B. Tech in Computer Science Engineering College of Engineering Roorkee | 2019 – 2023

- **CGPA:** 7.54

Class 12th (PCM) Al-Irfan Secondary and Senior Secondary School | 2016 – 2018

- **Percentage:** 76.6%

Class 10th Park Mount Public School | 2016

- **CGPA:** 7.54