

Sounic Behera

Full Stack Developer Intern | Computer Science Undergraduate

Bhadrak, Odisha

sounicbehera@gmail.com | +91 8847803297 | linkedin.com/in/sounicbehera

Professional Summary

Computer Science undergraduate with hands-on experience building scalable, responsive web applications using the MERN/MERN-TS stack. Proficient in designing real-time synchronization systems, secure RESTful APIs, and deploying backend services on cloud infrastructure. Adept at creating optimized frontend architectures and solving complex data-flow problems. Seeking a developer internship to deliver impactful engineering solutions.

Education

Centurion University of Technology and Management — B.Tech in CSE **2024 – Ongoing**

Projects

Synapse — Full-Stack Real-Time Chatting Application

- Engineered a robust messaging platform using React, Tailwind CSS, Node.js, Express, and MongoDB.
- Integrated Socket.io for low-latency bidirectional data streaming, enabling instant messages and live typing statuses.
- Built secure JWT authentication, bcrypt password hashing, and automated transactional emails via Resend API.
- Designed a responsive, mobile-optimized dark-mode interface prioritizing micro-interactions and performance.

Collaborative Editing Platform (SDE Project)

- Developed a full-stack real-time document editor featuring secure multi-user concurrent editing workflows.
- Designed structured REST APIs and optimized network payloads, lowering client-server synchronization latency.
- Authored modular, high-reusability frontend components to boost platform maintainability and UX speed.

3-Tier Service Web Application — Madina Refrigeration

- Built a responsive TypeScript and Tailwind CSS web app with MongoDB, accelerating UI responsiveness by ~30%.
- Optimized complex database aggregation pipelines to ensure rapid data retrieval and smooth user navigation.
- Coded a lightweight mobile dashboard incorporating Google Maps API for real-time field technician tracking.

Secure IoT Backend Infrastructure & REST API Integration

- Configured and deployed an Express API on AWS EC2 behind an Nginx reverse proxy with automated SSL.
- Orchestrated live continuous delivery by connecting a Netlify UI to cloud instances via PM2 process management.

Technical Skills

Languages	HTML, CSS, JavaScript (ES6+), TypeScript
Frontend	React, Tailwind CSS, Responsive UI Design, Performance Tuning
Backend	Node.js, Express.js, Socket.io, RESTful APIs, MongoDB
Cloud/DevOps	AWS EC2, Nginx, SSL/TLS (Certbot), PM2, Netlify, Render, Vercel
Tools	Git, GitHub, VS Code, Resend API, Postman

Certifications

Infosys Springboard — Responsive Web Development
HackerRank — CSS Certification

Professional Strengths

Problem Solving • Team Collaboration • Adaptability • Time Management • Continuous Learning