

# Syaloni Barman

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Passionate about crafting high-performance, scalable web solutions with MongoDB, Express.js, React, and Node.js, delivering user-centric applications that turn ideas into seamless digital experiences.

## Education

Bengal Institute of Technology, B.Tech in Electronics and Communication Engineering

Aug 2019 – Jul 2023

- GPA: 9.24/10 (Provisional Certificate)

## Technologies

**Frontend Development:** HTML, CSS, Tailwind CSS, JavaScript, React, Redux

**Backend Development:** Node.js, Express.js

**Database Management:** MongoDB, SQL

**Version Control:** Git, GitHub

**Programming Language:** Core Java

**Soft Skills:** Teamwork, Problem-Solving, Communication, Time Management

## Projects

**Eventify: Stay in Sync with Every Event!**

GitHub

- Create, update, and publish events with **real-time updates** using websocket and **seamless attendee handling**.
- **Automate registrations, attendee tracking, and reminders** while ensuring real-time updates keep participants informed.
- Redux-powered state management, lazy loading, full responsiveness, and a custom 404 page for **seamless navigation**.

**YouTube Clone**

GitHub

- Crafted a feature-rich UI with React, including **video streaming and channel management**.
- Secured backend architecture with Node.js, Express.js, and JWT for **seamless API interactions**.
- Designed efficient MongoDB schemas for users, videos, and comments while **enhancing discoverability with intuitive video search and filtering**.

**ShoppifyGlobe: Global Finds, Local Deals!**

GitHub

- Implemented **robust authentication and authorization**, enhancing security and user trust.
- Optimized **cart and product handling** with modular Redux, Context API.
- **Boosted speed** with code-splitting, lazy loading, and crafted a **pixel-perfect**, device-optimized interface using Tailwind CSS.

**SkyCast: Your Weather, Your Way!**

GitHub

- Fetched live data from WeatherAPI to display current conditions and a detailed **5-day forecast**.
- Integrated **dynamic light/dark themes** and city search history for user convenience.
- Built a **visually appealing, fully responsive interface** using HTML, Tailwind CSS, and JavaScript.

## Internship

**Full Stack Development Program, Internshala**

June 2024 - Present

- Designed and developed interactive MERN stack applications, seamlessly integrating front-end (React) with back-end (Node.js, Express.js) and databases (MongoDB) to deliver end-to-end web solutions.
- Mastered advanced HTML, CSS, JavaScript, and data structures while leading projects using Git/GitHub for efficient version control and collaborative development.

**Full Stack Java Developer Program, Generation**

Sept 2023 - Jan 2024

- Developed dynamic full-stack web applications following industry best practices while leading collaborative projects to deliver high-quality solutions on time, enhancing both technical and professional skills.

## Certification

- Certification from **Internshala, LinkedIn Learning** in HTML, CSS, TAILWIND CSS, JAVASCRIPT and GIT, GITHUB, REACT, NODE JS, EXPRESS JS, MONGODB

## Achivement

- Solved **250+ problems** on **Leetcode**
- In the Top 20 team of **SRIIH'21**