

Sayantan Sarkar

✉ imsyntn@gmail.com ☎ +91 8768954027 [in /imsyntn](https://sayantan.site) ☁ <https://sayantan.site>

SUMMARY

MERN Stack developer proficient in crafting dynamic and user-friendly web applications with expertise in modern tools and development practices.

SKILLS

- **Frontend:** HTML, CSS, JavaScript, TypeScript, Sass, Tailwind, ReactJS, NextJS, Redux Toolkit.
- **Backend:** Node.js, Express.js.
- **Database:** MongoDB, PostgreSQL, Redis.
- **Tools:** Git, GitHub, Prisma, Docker.

EXPERIENCE

- **Frontend Engineer Intern**
 - **HackerEarth** Feb 2025 - Present, Bangalore, India
 - Built user interface components for a coding challenge platform.
 - Fixed critical UI bugs, including scrolling issues in team management and candidate snapshots, enhancing user experience.
 - Improved assessment test functionality by adding resume size limit checks, ensuring seamless loading.
 - Actively collaborated with backend and design teams to deliver high-quality features on time.

PROJECTS

- **Link Leaf** [Live](#) [GitHub](#) Nov 2024 - Jan 2025
 - **Tech Stack:** NextJS, TypeScript, Tailwind CSS, PostgreSQL, Prisma, Cloudinary, Shadcn UI.
 - Developed Link Leaf – the ultimate link management tool.
 - Responsive media management with **Cloudinary** integration, built using Next.js, Tailwind CSS and ShadCN UI.
 - Secure **Email OTP verification** with **Nodemailer** and **Brevo**, modern UI components, and stunning animations powered by AcertinityUI and Framer Motion.
- **Tunes** [Live](#) [GitHub](#) Sep 2024 - Nov 2024
 - **Tech Stack:** ReactJS, TypeScript, Node.js, ExpressJS, Sass, MongoDB, Redis.
 - Developed Tunes, a modern music streaming web application.
 - Built functionalities for **playing, pausing, volume control, looping, and trackselection**.
 - Enhanced data fetch performance using **Redis caching**, reducing response times from **700ms to 150ms** for a seamless user experience.
- **Snapp** [Live](#) [GitHub](#) Jul 2024 - Sep 2024
 - **Tech Stack:** ReactJS, TypeScript, Sass and Framer Motion.
 - Developed a web application for exploring and sharing high-quality images.
 - Implemented **infinite scroll** for seamless image exploration, eliminating the need for pagination.
 - Integrated image downloading functionality using a custom **use_image_downloader** React hook.
- **use_image_downloader** [NPM](#) Jul 2024 -Aug 2024
 - **Tech Stack:** Reactjs, TypeScript
 - Developed a **custom React hook** to simplify the process of downloading images in React applications.
 - Enabled efficient handling of image downloads with a clean and reusable API, improving developer productivity.
 - Published the package on npm, achieving **375+ downloads**, demonstrating community adoption and utility.

CERTIFICATIONS

- **Frontend Developer (React)** HackerRank • 2024 [View Certificate](#)
- **Responsive Web Design** FreeCodeCamp • 2024 [View Certificate](#)

EDUCATION

- **B.Tech in Computer Science & Engineering**
 - Greater Kolkata College of Engineering and Management • Kolkata • 2026
- **Higher Secondary**
 - Balurghat High School • Balurghat • 2021 • 89.2%
- **Secondary**
 - Balurghat High School • Balurghat • 2019 • 86.7%