

Kingshuk Sarkar

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SKILLS

Languages: C, C++, Python, JavaScript, Typescript, Go

Databases & Frameworks: Next JS, React JS, Express, Fast API, Firebase, MongoDB, SQL, Figma

Cloud & other Services: Firebase Cloud, Google Cloud, Sendgrid, Mapbox.

EDUCATION

Heritage Institute of Technology

Kolkata, India

B.Tech in Computer Science (Avg GPA: 7.84)

Sep 2021- Jun 2025

- **Specialization:** Artificial Intelligence and Machine Learning. Built ML model to detect depression from MRI images.

Rahara Ramkrishna Mission

Rahara, India

(10+2) in Science (HSC percentage: 84.2)

Aug 2019 - Jul 2021

PROJECTS

Lawboard ([Live Link](#))

- End-to-end *law firm management platform* to digitize and automate law firm workflows, including client onboarding and tracking, case handling, appointments, internal team co-ordination.
- **Key Features:** A dynamic dashboard displaying real time metrics. *System Design* to scale the application vertically and horizontally. Role based access control as *admin, superadmin, lawyer*. *Google Calendar* integration and active alert *mailing system*, *Realtime database*.
- **Technologies:** Next JS, Firebase, Google Cloud Function, Tailwind CSS, Context API, Graphana.

WORK EXPERIENCE

Xyst ANS Sofftech PVT LMT

April 2024 – Dec 2024

- Independently designed and developed multiple end-to-end web applications for clients across various industries, delivering scalable, responsive, and secure solutions. Managed SEO for better web visibility
- **Tech stack Used:** Next JS, Firebase, SQL, Razorpay.
- **Selected Websites:** [Website 1](#), [Website 2](#), [Website 3](#)

N2N Solutions

Jul 2023- Jan 2024

- Designed and developed a full-stack e-commerce web application for N2N Solutions to facilitate online sales, user registration, and order management.
- Implemented responsive *frontend interfaces*, *RESTful APIs* and integrated *Stripe* for payment processing.
- **Tech Stack:** React.js, PHP, MySQL, JWT, Stripe API, Tailwind CSS

Unsnarl

Aug 2022 – Jun 2023

- Developed and deployed the main landing page for Unsnarl (a Detectbox product), enhancing user engagement and streamlining onboarding.
- Implemented *OAuth-based authentication*, *dynamic client-side routing*, and *user registration workflows* to support a secure and smooth user experience.

EXTRACURRICULAR

- ❖ Love to Photograph and Painting.
- ❖ Participating in hackathons.