

Sayan Das

Full Stack Developer | B.Sc. Computer Science

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🌐 sayandas.co.in

📍 Kolkata, India

SKILLS

- **Languages:** TypeScript, C, C++, Java, Python, PHP, HTML, CSS (Tailwind), SQL
- **Frameworks:** Next.js, React Native, Laravel, Hono
- **Development Tools:** Git, Docker, ORM (Eloquent, Drizzle, Prisma)
- **Softwares:** Figma, Adobe XD, Adobe Illustrator

EXPERIENCE

National Informatics Center (NIC), WB State Centre [Certificate](#) [Report](#)

Software Developer Intern

Jun - Aug 2023

- Created UX flow for **20+** features and interfaces
- Implemented **5+** new features aimed at streamlining expense tracking process during election, reducing **more than 40%** manual effort.
- Contributed to the design and management of efficient PostgreSQL database schema.

Projects

SpotOn [GitHub](#)

Next.js, React Native, Java, Spring, MySQL

- Used **geo-location** based check-in system for precise attendance marking within designated areas, **diminishing proxy attendance** instances.
- Automated attendance marking, and implemented precise report generation, reducing effort behind manual data entry by **more than 80%**.
- Designed UI and UX of both Web and React Native app.

Auth Template [Website](#) [GitHub](#)

Next.js, Next Auth v5 (Auth.js), PostgreSQL

- Built an Auth toolkit, inspired by Clerk, having almost all the features of a modern authentication system like: 2FA, Forgot Password Functionality, Email Verification, Credential Login, OAuth, User Roles etc.

Education

Ramakrishna Mission Vivekananda Educational and Research Institute

M.Sc. Computer Science

July 2024 - Present

- **Relevant Coursework:** Design and Analysis of Algorithms, Probability and Stochastic Processes, Machine Learning, Theory of Computation, Statistics, Linear Algebra and Matrix Computation

Ramakrishna Mission Vivekananda Centenary College, Rahara

B.Sc. Computer Science, CGPA: 9.08

Sept 2021 - May 2024

- **Relevant Coursework:** C, C++, Java, Python, Data Structures and Algorithms, Operating System, Computer Networks, Software Engineering, DBMS, Theory of Computation, AI, Machine Learning, Computer Graphics, Computer Architecture, Discrete Structures, Internet Technologies, Cloud Computing

Contai High School, Contai, Medinipur East

Class X, WBBSE, 96%

2019

Class XII, WBCHSE, 95%

2021