

Sayantan Samanta

Dedicated and results-driven Frontend Engineer with 1 year of experience, seeking a challenging role in a dynamic organization where I can utilize my skills and knowledge to develop innovative, optimized and user-friendly web applications

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SKILLS

HTML/CSS/SASS TailwindCSS CSS-In-JS JavaScript TypeScript React Redux/Redux Toolkit React Query Next.js Node.js Express.js
GraphQL(Apollo) REST Vite/Webpack/SWC Github Actions PostgreSQL(Prisma) MongoDB Storybook GCP(Cloud Run, Cloud Build, GCS)

EXPERIENCE

Hyresnap Frontend Engineer

May 2023 — Present

Bengaluru, Karnataka

Developed an end-to-end scalable image upload system using Pillow, Flask and GCS, that allows users to upload their user avatars using a cropper tool. Contributed to a number of major fixes, including removing memory leaks in the application and fixing anonymous authentication, which links multiple Auth providers, such as email and social authentication, using Firebase/auth. Improved Core Web Vitals by in mobile devices as well as reduced blog page initial load time by 30% by applying certain performance optimizations as well as proper lint rules using tools like husky, Commitizen and Lintstaged for improving code quality. Wrote a script using NodeJs which migrates NoSQL data (Firestore) to SQL database(PostgreSQL). Added Static Analysis Testing by implementing proper lint rules, commit-linting, engine locking etc using tools like husky, Commitizen and Lintstaged. Wrote proper rules and documented the codebases for easier setup. Utilized Python and Flask for API development, wrote CRUD operations using Supabase's SDK, and integrated Slack webhooks to send user feedback directly to Slack.

Hoggy Software Engineer(Frontend)

May 2022 — November 2022

Bengaluru, Karnataka

Primarily worked on user-facing features, optimized them, and sent them to production. Integrated business analytics tools such as MoEngage and MixPanel with Next.js to enhance user tracking. Contributed to the Creator tool's gallery module to upload well-optimised media using Next.js, Redux, React-query. Contributed in Hard-Typing the codebase, which resulted in a 50% reduction in runtime bugs.. Wrote unit test cases for Go APIs while migrating from Monolithic to Microservices infrastructure. Wrote a CI script for vercel preview deployments prior to moving into production.

Codemancers Frontend Engineer Intern

November 2021 — December 2021

Remote, Kolkata

Improved code quality and contributed to an ongoing project by following TDD approach using React,Typescript, RTL & Jest
Contributed to the Open Vpn profile management of the organization using Hapi.js, Typescript & Prisma.

Codemancers Frontend Engineer Intern

November 2020 — January 2021

Remote, Kolkata

Contributed to the development of the platform's dashboard using Next.JS and Tailwind.
Used a wide-column No-SQL Database(AWS Dynamo DB) for carrying out CRUD operations

PROJECTS

Personal Projects

[Covlive](#) [2020] (React, SCSS, Context Api, Mapbox, Apex Charts)

Case tracking app providing accurate statistical data and rising cases using a 3rd party API's data and visualizing affected areas using Mapbox's maps.

[Deep Lip Reading](#) [2022] (React, TypeScript, Vite, Web Sockets, Python, Flask)

Built an end-to-end application that has options to capture pictures based on a timer or a single click to detect user lip movement to predict words.

[Upshot.app](#) [2022 - Present] (React, Redux, TypeScript, Node(Express), GraphQL, MongoDB(Prisma), Vite, Web Sockets)

Building Social Media as a marketplace where you can promote or sell your products through bidding and negotiations.

[Jobseek](#) [2022 - Present] (React, Redux, MongoDB(Prisma), Node(Express))

Developed a hassle-free platform for candidates as well as startups searching for the right one by adding an onboarding UI to filter out the amateurs.

PROJECTS

Open Source Contributions

[Next Auth](#) [2021] Fixed a bug for this OSS authentication library by correcting auth state of client-session api.

[Layer 5](#) [2021] Improved UX issue of a community website by adding delayed mount and unmount animation of the scroll to top button.

Mini Projects

[Debounced Google Search](#) [2022] (React, TypeScript) Debounced autocomplete functionality mimicking Google Search.

[Typeform Prototype](#) [2023] (NextJs, TypeScript, Docker) Typeform forms like scroll functionality

Blogs

[Domain name and hit Enter. Then?](#) [2023] Fixed De-mystifying the science behind humankind's greatest invention.

EDUCATION

B.Tech Information Technology

July 2018 — 2022 Netaji Subhash Engineering College (**NSEC**) **8.5** (CGPA)