Sayar Bhattacharyya

Github | LinkedIn | Mail | Portfolio

EDUCATION

Vellore Institute of Technology   *2021 - 2025*
BTech., Information Technology   CGPA = 9.03

SKILLS & INTERESTS

ReactJS, NextJS, ExpressJS, Typescript, MongoDB, Mongoose, Git, Postman,.PostgreSQL, TailwindCSS, Java, Python (Django), Golang (Go), Prisma ORM, Firebase, Socket.io, Material UI, TRPC, Vercel, NextAuth, Zustand, Redux, OAuth

WORK EXPERIENCE

MADverse Music
*Full Stack Developer Intern (**Typescript, NextJS, TRPC, Prisma, MySQL**)*   *Apr 2023 - Present*
- Built multiple features affecting **52000+** users.
- Efficiently used Serverless Technologies such as **PlanetScale**, **Vercel**, **Upstash**..
- Improved and optimized Royalty Ingestion Logic by **60-80%**
- Performed code quality improvement procedures.

Reunion
*Frontend Development Intern (**Typescript, Gatsby JS, Graphql, Strapi**)*   *Nov 2022 - Feb 2023*
- Developed a comprehensive **UI Component Library** with ReactJS, published as an **npm package**, that increased development speed by 40% and used **Storybook** for state visualization
- Wrote extensive unit tests on **Jest** and **React Testing Library**.
- Worked with **Strapi API** to integrate data and styling into the website. Used **GraphQL** to efficiently query data and used **Mustache** to transform json.

Funcbox
*Frontend Development Intern (**JavaScript, ReactJS, NodeJS**)*   *Sep 2022 - Dec 2022*
- Implemented **Redux** for global state management.
- Improved authentication using **Jwt Refresh/Access Tokens**.

PROJECTS

RenderMark (WIP)
Frontend Developer   *Jun 2022 - Present*
- A Web app made in **NextJs, Vanilla CSS**. It allows users to **create promo videos** by uploading or editing a **markdown** with the necessary texts and images.
- Built a markdown and DOM parser to extract text and image for a scene.

AudLib (Github for Music Projects)
Full-Stack Developer   *Jan 2024 - Present*
- An app to store multiple **versions** of a musical project. It uses **AWS S3** under the hood to store these versions. Uses **pre-signed URLs** for uploads.
- Implemented a **streaming** server which streams audio by **range requests.**
  Used **Clerk Auth** for authenticating users and also to add an **organization system**.
- Backend uses: **Golang**, **Go Fiber**, **GORM**, **Postgres.**
- Frontend uses **NextJS 14**, **Shadcn UI**, **TailwindCSS**

Mixentia (WIP)
Full Stack Developer   *Apr 2024 - Present*
- A spotify playlist utility application with sub playlist and playlist remixing features.
- Built using **NextJS 14**, **Tailwind**, **TRPC**, **Typescript**, **Drizzle**, **TursoDB**

VOLUNTEERSHIP EXPERIENCE

GDSC (Google Developer Student Clubs) VIT Vellore
Inner Core Committee Member   *Mar 2022 - Present*
- *Helped Organize events such as **Women Techies '22**, and **Devjams '22**.*
- *Was an Integral part of Building the **GDSC Website***
- *Contributed on the Website of **Women Techies '22, Deconstru.ctf '22**.*