

SHUBHAM LAL

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Skills

Language	JavaScript, TypeScript, PHP, C/C++, Python, Java
Framework/Libraries	Node.js, React, Next.js, Vite, Redux, Zustand, TailwindCSS
Database	MySQL, MongoDB, Firebase
Version Control	Git/GitHub, Replit
Soft Skills	Time Management, Problem-solving, Documentation, Engaging Presentation

Experience

Back-End Developer Internship, eZ - The One App

Remote | Aug 2023 - Oct 2023

- Crafted captivating *statistical graphs* on the Admin's Dashboard.
- Implemented an *Appointment Booking System* enabling seamless scheduling for users to create and book sessions.
- Seamlessly integrated **Google** and **LinkedIn** authentication.
- Implemented platform notifications with the dynamic capabilities of **Socket.IO**.
- **CRUD** operations on **MongoDB** databases to personalize individual user profiles.

Education

BTech in Computer Engineering, Bengal Institute of Technology | Kolkata

2021-25

Certificates

JavaScript Algorithms and Data Structures, freeCodeCamp

Front End Development Libraries, freeCodeCamp

Back End Development and APIs, freeCodeCamp

Responsive Web Design, freeCodeCamp

Data Visualization, freeCodeCamp

Achievements

Web Dev Lead, GDSC Bengal Institute of Technology

Sep 2023 - Present

Open Source Contributor, freeCodeCamp

May 2023 - Present

Projects

Clang Social

Nov 2022 - Jan 2023

MERN Project

- Engineered a seamless *Followers, Following, Friends* system seamlessly into user profiles.
- Leveraged the **ZEGOCLOUD** SDK to create real-time *video chat rooms*.
- Implemented input form validations with **Formik** and Schema validation using **Yup**.
- Utilized **Express FileUpload** middleware for effortless file uploads to **Cloudinary**.
- Employed the versatile **Moment.js** for various date-time operations.

CertyStore

Apr 2023 - Present

MERN Project

- Crafted a visually appealing user interface with the custom utility CSS framework **TailwindCSS**.
- Implemented versatile *table grids* using **MUI** library for an enhanced user interface.
- Implemented secure authentication and authorization using **JSON Web Tokens** for enhanced data privacy.
- Utilized **Multer** middleware for seamless handling of *multipart/form-data*, facilitating file uploads to **Cloudinary**.

Events Scheduler

May 2023 - Jun 2023

Google Cloud Project

- Integrated **Google Calendar** RESTful API to seamlessly create calendar events, complete with Google Meet links.
- Ensured seamless organization by adding created events to the Organizer's calendar and extending invitations to guests.
- Simplified the guest invitation process, allowing for the effortless inclusion of multiple guests through automatic email invitations.

Drawing App

Sep 2023 - Present

Socket.IO Project

- Developed a sleek **Next.js** project using **TypeScript** and styled it with the flexibility of **TailwindCSS**.
- Integrated **Zustand** for efficient state management throughout the project.
- Created personalized rooms effortlessly using **Socket.IO**, extending invitations to others for collaborative engagement.
- Customized drawing experiences with options to change brush color, background fill, and brush thickness.