

# SHUBHAM LAL

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## Skills

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

## Experience

### 1. Back-End Developer Intern, eZ- The One App

Remote | Aug 2023 - Oct 2023

- Crafted captivating *statistical graphs* on the Admin's Dashboard.
- Implemented an *Appointment Booking System* for users to create and book sessions.
- Implemented platform notifications with **Socket.IO** package.
- Optimized APIs for better response time on both client and server side code.

### 2. Frontend Developer Intern, AI Chef Master

Remote | March 2024 - May 2024

- Acquired proficiency in **Flask** while working with backend APIs.
- Developed and implemented various logics for form submissions on both the Add Recipe and Career pages.
- Executed a complete overhaul of the Dashboard and Portfolio pages by integrating Dark and Light theme modes.

## Education

<b>Higher and Senior Secondary</b> , B.D.M. International   Kolkata	2007-21
<b>BTech in Computer Engineering</b> , Bengal Institute of Technology   Kolkata	2021-25

## Certificates

<b>JavaScript Algorithms and Data Structures</b> , freeCodeCamp	Mar 2023
<b>Back End Development and APIs</b> , freeCodeCamp	Mar 2023
<b>Data Visualization</b> , freeCodeCamp	Jul 2023

## Achievements

<b>Open Source Contributor</b> , freeCodeCamp   <a href="#">View</a>	May 2023 - Jun 2023
<b>Web Dev Lead</b> , GDSC Bengal Institute of Technology   <a href="#">View</a>	Sep 2023 - Present

## Projects

### Clang Social

Nov 2022 - Jan 2023

MERN Project

[Live](#) | [Source Code](#)

- Engineered *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**.

### ECommerce Site

Apr 2023 - Present

MERN Project

[Live](#) | [Source Code](#)

- 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

[Source Code](#)

- Integrated **Google Calendar** 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

[Live](#) | [Source Code](#)

- 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.