



Shubham Lal

Backend Developer • Frontend Developer • Fullstack Developer

Bengal Institute of Technology • 2025 Pass out



Work Experience

Co-Founder @ WeKnewHow, India [🔗](#)

Dec 2020 - Present (28 months) | Full-time

- Co-Founder
- Managing Director
- Head of the business

Skills Developed: Organizational Development, Strategic Planning, Scheduling & Planning

Team Members: Pratik Prasad (Co-Founder)

[Link](#)

Projects

Clang Social | Social Media Platform [🔗](#)

- A Social Media Platform with a very reliable, fast, user friendly UI to interact with.
- Used many up-to-date React libraries to make application super-fast and user friendly.
- Supports many social media functionality with the likes of Video+Voice Call.

Skills Developed: React.js, MongoDB, Redux, Google Cloud, NodeJs, ExpressJs

JobIt [🔗](#) [📺](#) [</>](#)

- My Exciting Debut with React Native: A Journey of Discovery and Creativity!
- Smooth Workflow between React Native & Rapid API's JSearch
- Nearby Job Finder Mobile Application

Skills Developed: React Native, React.js, API

Reddit Clone [🔗](#) [</>](#)

- UI rich Social Media Platform
- Frontend with NoSQL using Google Firebase
- CRUD operations

Skills Developed: NextJs, Firebase, Typescript

CertyStore | E-Commerce Site v2 [🔗](#) [</>](#)

- Currently working on it
- Still in development mode
- Full Stack E-Commerce Web App with fully functional Admin's Dashboard

Tagline

Consistent Dev • Tech Enthusiast • As a developer, my journey has been a remarkable one, encompassing a vast array of experiences. From the humble beginnings of saving PowerPoint slides as HTML webpages to crafting intricate Full-Stack Web applications, I have embarked on a journey of constant learning and growth. With a passion for gaming, I have ventured into the exciting world of Video Game design, where I continue to explore and innovate. • Throughout my journey, I have come to appreciate the value of dedication and commitment. I firmly believe that with unwavering determination and an insatiable appetite for knowledge, we can learn something new every day. • I look forward to continuing my journey of discovery, exploring new horizons and pushing the limits of what is possible.

Skills

MongoDB | React.js | NextJs | Tailwind | Redux | NodeJs | C/C++ | ExpressJs | Firebase | Python

Education

Bengal Institute of Technology, Kolkata
B.Tech, Computer Science Engineering (CSE)
| 8.8 CGPA

2021 - 2025

Certifications & Courses

JavaScript Algorithms and Data Structures

- While HTML and CSS control the content and styling of a page, JavaScript is used to make it interactive. In the JavaScript Algorithm and Data Structures Certification, I learned the fundamentals of JavaScript including variables, arrays, objects, loops, and functions. Along the way, I also learned two important programming styles or paradigms: Object Oriented Programming (OOP) and Functional Programming (FP).

February 2023 | [Certificate Link](#)

Back End Development and APIs

Skills Developed: React.js, MongoDB, Redux, NodeJs, Tailwind

Login with IP System



- A simple authentication system
- Used MongoDB for Database & CRUD workflow
- Login for Student, Teacher & Admin
- For Student, there is a predefined IP Address assigned in backend so that students can only login when connected to Institution's Wi-Fi

Skills Developed: React.js, MongoDB, Javascript

Question Answering AI



- This AI can be your new friend for all your doubt solving & clarifications
- Integrated OpenAI's GPT-3 for prompt
- Question Answering AI Tool is Powerful Query replying tool powered by OPENAI and can be explicitly used to answer your questions

Skills Developed: React.js, Javascript, CSS

ToDo App



- Full Stack Todo Application
- Frontend made with Vite and MongoDB used as Database for Backend
- Used Redux for CRUD applications

Skills Developed: Redux, MongoDB, SASS

CrowdFunding | Support Campaigns with Ethereum



- CrowdFunding allows users to create and fund projects using Ethereum, ensuring transparency and security in the crowdfunding process.
- Written blockchain code with Solidity
- With this project, we can create our own decentralized crowdfunding platform, where users can collaborate and contribute to projects of their choice.

Skills Developed: Solidity, Tailwind, Ethers.js

Krypt | Blockchain Transaction



- Krypt is a personal project that documents my initial foray into the world of Web3 development.
- Contract functions written in Solidity
- Transfer of Sepolia Ethereum and post a message with gif to be stored in Blockchain network

Skills Developed: Solidity, Tailwind, Ethers.js

Image Generator AI



- Image Generator AI is Powerful Image Generator Web App
- Generate Image with just a prompt and post, download or share with Community

- Today, one of the popular ways to build applications is through microservices, which are small, modular applications that work together to form a larger whole. In the Back End Development and APIs Certification, I learned how to write back end apps with Node.js and npm.

March 2023 | [Certificate Link](#)

Build Facebook clone with REACT JS AND THE MERN STACK 2023

- Build a fully advanced Social Media Facebook Clone Application and Master React js, Node js, Express js & Mongoddb

January 2023 | [Certificate Link](#)

- This web app is used to create and download imaginative and visually stunning images

Skills Developed: React.js, MongoDB, Tailwind

Twitter Clone



- Awesome looking Twitter clone build using NextJS + TailwindCSS.
- Firebase v9 integrated for post creation and file storage.
- With the support of NewsAPI making this application super awesome.

Skills Developed: NextJs, Firebase, Javascript

CertyStore | E-Commerce Site v1



- Simple Web E-Commerce site
- Built with Headless CMS Strapi
- Add to Cart, Purchase multiple items

Skills Developed: React.js, Redux, SASS

Infix Expression Operations



- Ultimate website to help you with Infix operations
- OOPs with JavaScript
- Infix to Postfix Conversion, Postfix Evaluation directly from Infix Expression, Infix to Prefix Conversion, Prefix Evaluation directly from Infix Expression

Skills Developed: Javascript, OOPs, HTML

Position of Responsibility

Co-Founder at WeKnewHow

- Managing and paving way for the Company's future

Achievements/ Extracurricular Activities

- Participated in Smart India Hackathon 2022