

SHUBHAM KUMAR

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Education

Indian Institute of Information Technology Bhagalpur

Bachelor of Technology in Computer Science and Engineering

November 2021 – May 2025

8.3 / 10 CGPA

Sunbeam English School Bhagwanpur

Intermediate Science

April 2018 – April 2019

90.2 / 100

Work Experience

Botsync

Software Development Intern

January 2025 – Present

Onsite

- Customized **50+** components in the **Fleet Management System** using **MUI**, improving **UI responsiveness**.
- Developed strong **error handling** skills, increased system reliability and improved efficiency by **30%**.
- Reduced frontend response time by **25%** by optimizing **API payloads**, boosting **FMS performance**.
- Fixed a high-priority **P0** dashboard **bug** causing **FMS crashes** and user **logouts**, lowering crashes by **40%**.

Technical Skills

Languages: C, C++, JavaScript, TypeScript, Python

Backend: Node.js, Express

Frontend: React, Next.js, HTML, CSS, TailwindCSS, MUI, Bootstrap, GSAP

Databases: PostgreSQL, MySQL, MongoDB

Developer Tools: Postman, VS Code, Git, GitHub

Others: DSA, OOPs, DBMS, OS, Computer Networks, Network Security

Projects

Chat Ticket | *Next.js, TailwindCSS, TypeScript, API, OAuth* | 🐙 **GitHub** | 🌐 **Live**

June 2024 - August 2024

- **Collaborated** on a **Next.js** web app for **question-answering**, handling **200+** queries per day.
- Implemented **OAuth authentication** via **Firebase**, ensuring **secure** user management for **100%** of users.
- Used **TypeScript** to improve **code reliability**, reducing bugs by **25%** and ensuring better **scalability**.
- Designed a **responsive** user interface, ensuring a seamless experience across **95%** of devices and all major screen sizes.

Scroll Space | *HTML, CSS, JavaScript, GSAP, Locomotive* | 🐙 **GitHub** | 🌐 **Live**

November 2023 - January 2024

- Integrated **GSAP** for engaging **animations** that boosted **page engagement** by **40%**.
- Improved scroll performance by 60% using **Locomotive.js** for smooth scrolling and enhanced navigation.
- Enabled horizontal word scrolling, enhancing user interaction and boosting engagement by **30%**.
- Configured image **lazy loading**, decreasing initial **page load time** by **30%** and improving overall site performance.

Chat App | *MongoDB, Express, React, Node.js, Socket.IO* | 🐙 **GitHub** | 🌐 **Live**

May 2023 - June 2023

- Developed a **real-time chat application** using the **MERN stack**, tested to ensure **95%** message success rate.
- Achieved **30%** reduction in message delivery **latency** by optimizing data handling with **WebSockets (Socket.IO)**.
- Enhanced user engagement with **notification sounds** for messages, increasing responsiveness by **40%**.
- Applied **bcrypt.js** for secure user **authentication**, ensuring **100%** **password protection** through **hashing**.

Algorithmic Competitions/Achievements

- Qualified as a **top 7 finalist** in the **Bihar Cluster Finals** of the **Tata Crucible Campus Quiz 2024**. (**Certificate**)
- Secured **29th rank** in **India** out of **5.1 lakh** participants in the **Young Turks** competition, 2024. (**Certificate**)
- Selected for **Flipkart GRiD 6.0 Level 2**, ranking in the top **327** out of 4.84 lakh participants. (**Certificate**)
- Successfully tackled over **1500** challenging problems on **LeetCode (SJaiShu)**.
- Effectively solved more than **1100** complex questions on **GeeksForGeeks (shubhamq0xs)**.
- Proficiently addressed over **700** demanding problems on **CodeChef (shubham_jaishu)**.