

SHUBHAM KUMAR

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Education

Indian Institute of Information Technology Bhagalpur

Bachelor of Technology in Computer Science and Engineering

Nov 2021 – May 2025

8.2 /10 CGPA (absolute)

Sunbeam English School Bhagwanpur

Intermediate Science

Apr 2018 – April 2019

90.2 /100

Relevant Coursework

- Data structure and Algorithms
- Object Oriented Programming
- Network Security
- Computer Networks
- Database Management System
- Operating System

Projects

Chat Ticket | *Next.js, TailwindCSS, TypeScript, API, OAuth* | [GitHub](#) | [Live](#)

June 2024 - August 2024

- Collaborated on a **Next.js** and **TypeScript** web app for **question-answering** with **multilingual** support.
- Implemented **OAuth** authentication and authorization via **Firebase** for secure user management.
- Enhanced performance and user experience through efficient **API** integration and **TypeScript** error handling.
- Designed a **responsive** user interface to ensure seamless experience across **various devices** and **screen sizes**.

Scroll Space | *HTML, CSS, JavaScript, GSAP, Locomotive* | [GitHub](#) | [Live](#)

November 2023 - January 2024

- Improved scroll performance by 60% using Locomotive.js for **smooth scrolling** and enhanced navigation.
- Integrated **GSAP** for **engaging animations** that boosted page engagement by 40%.
- Enabled **horizontal word scrolling** while scrolling down, enriching user interaction and visual appeal.
- Reduced initial page load time by 30%, significantly enhancing overall site performance.

Chat App | *MongoDB, Express, React, Node.js, Socket.IO* | [GitHub](#) | [Live](#)

May 2023 - June 2023

- Reduced message delivery latency by 50% with **real-time** messaging using **WebSockets(Socket.IO)**.
- Implemented secure user **authentication** for chat rooms, enhancing **data protection** and reducing breaches by 40%.
- Enhanced user engagement with **notification sounds** for messages, increasing responsiveness by 40%.
- **Optimized backend WebSocket** server configurations, improving server response times by 25%.

Technical Skills

Languages: C, C++, JavaScript, TypeScript

Backend: Node.js, Express

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

Databases: MySQL, MongoDB

Web Technologies: Socket.IO

Developer Tools: Postman, VS Code, GitHub

Certifications

FlipKart Grid

August 2024

- Got selected for **Flipkart GRiD 6.0 Level 2** competition.
- Outperformed **4,84,302 participants** in a highly competitive environment, securing a position in the **top 327** teams.
- Excelled in the **Software Development Track** by leveraging analytical skills and creativity.

Front End Development

September 2023

- Well-versed in creating **structured** and **semantically** correct **HTML** documents.
- Proficient in **CSS** layout techniques, including **Flexbox** and **Grid** for **responsive** page layouts.
- Strong programming skills in **JavaScript**, including **ES6** Features and **modern** best practices.

Algorithmic Competitions/Achievements

- Completed **Google Cloud Arcade** training with hands-on cloud deployment and management experience.
- Successfully tackled over **1300+** challenging problems on **LeetCode (SJaiShu)**.
- Effectively solved more than **1000+** complex questions on **GeeksForGeeks (shubhamq0xs)**.
- Proficiently addressed over **700+** demanding problems on **CodeChef (shubham_jaishu)**.
- Adeptly solved over **150+** intricate problems on **Codeforces (shubham_jaishu)**.
- Led a team to the **24th** position out of **60** teams in the internal **SIH** (Smart India Hackathon).