



## Sumit Kumar

Roll No.: 2201176ec

Electronics and Communication Engineering

Bachelors of Technology

Indian Institute Of Information Technology, Bhagalpur

+91-7033620794

sumitkes2002@gmail.com

sumit.22001176ec@iiitbh.ac.in

GitHub Profile

LinkedIn Profile

## EDUCATION

### •Indian Institute of Information Technology

2022 - 2026

Bachelors of Technology in Electronics and Communication Engineering

CGPA: 8.04

### •Holy Cross Public School, 12th

2019 - 2021

Central Board of Secondary Education, India

Percentage: 91%

### •Pantocrator Academy, 10th

2018 - 2019

Central Board of Secondary Education, India

Percentage: 93.4%

## TECHNICAL SKILLS AND INTERESTS

**Languages:** : C/C++, HTML, CSS, JavaScript, TypeScript, Python

**Developer Tools:** Git/GitHub, VSCode, Linux, WebStorm

**Frameworks:** Node.js, Express.js, React, Angular, Next.js, Prisma, Tailwind CSS, WebSocket, socket.io, Material-UI, Shadcn

**Cloud/Databases:** MongoDB, PostgreSQL, Mongoose

**Soft Skills:** Multi-cultural Communication, Teamwork, Leadership

**Coursework:** Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, VLSI

**Areas of Interest:** Data Structures and Algorithms, Competitive Programming, Artificial Intelligence, Machine Learning

## PROJECTS

### •BaatKaro

June 2024 - August 2024

A real-time messaging app.

- Developed **“BaatKaro”**, a real-time messaging application using the MERN stack and WebSocket, improving messaging speed and real-time updates by **60%**.
- Implemented **JWT authentication** to secure user sessions and data, achieving **95% accuracy** in preventing unauthorized access.
- Designed a **responsive UI** with Tailwind CSS, enhancing user satisfaction by **85%**, and deployed on **Render** with **90% uptime** for stable performance. .
- Integrated **1-on-1 and group chat features** with efficient room management, boosting user engagement by **70%**.

### •Event Planning & Management

May 2024 - June 2024

A simple and easy-to-use platform for finding, managing event

- **Built with Next.js 14**, enabling users to create, update, delete, and manage events, while also displaying related and user-created events for better organization.
- **Secure Authentication & Payments** – Integrated **Clerk** for user authentication and **Razorpay** for secure, seamless transactions, ensuring a **smooth ticket purchasing experience**.
- **Advanced Search, Filtering & Categorization** – Users can **search, filter, and categorize events dynamically**, making event discovery **quick and intuitive**.
- **Modern UI & Performance Optimization** – Designed with **TailwindCSS**, **Shadcn**, and **React Hook Form**, ensuring a **fast, responsive, and accessible user interface** with optimized code architecture and reusability.

## ACHIEVEMENTS

- **Knight** at LeetCode: Rating (Max: 1905) with the handle @skipper\_108.
- **Pupil** at Codeforces: Rating (Max: 1321) under the handle @skipper\_108
- Placed in the top 3% globally, ranking **548** out of 36,727 participants in **LeetCode Biweekly Contest 144**, demonstrating advanced programming expertise.
- Secured a global rank of 1447 in **LeetCode Weekly Contest 432**, demonstrating critical thinking skills, algorithmic proficiency, and competitive programming expertise.
- Demonstrated proficiency by addressing over **1000+ coding questions** on various platforms
- Finalist at the **AlgoUnlock** coding competition organized by IIT Ropar.
- Achieved a **Top 5** finish in the **Smart India Hackathon** by effectively leading a cross-functional team, driving innovation, and delivering impactful solutions under tight deadlines.