

# Bittu Singh

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## EDUCATION

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### Chandigarh University

B.Tech in Computer Science and Engineering — CGPA: 7.2

Mohali, India

2019 – 2023

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, SQL

**Backend:** Node.js, Express.js, REST APIs, Socket.IO

**Frontend:** React.js, Next.js, React Native, Tailwind CSS

**Databases:** MongoDB, PostgreSQL, Prisma

**Tools:** Git, GitHub, Postman, Docker, DigitalOcean, Vercel

## EXPERIENCE

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### Full Stack Developer

R2VFX Studios

May 2025 – Present

Remote

- Building an AI-powered video editing platform inspired by Descript with automated editing workflows
- Developing backend APIs and frontend features using Next.js and Node.js
- Integrated AI-based transcription and media processing workflows
- Worked with PostgreSQL, Cloudinary, and authentication systems for media handling

### Full Stack Developer

Clynor

Jan 2025 – May 2025

Remote

- Worked on a school management SaaS platform using React.js, Node.js, and MongoDB
- Built realtime bus tracking features using Socket.IO and React Native
- Implemented geofencing-based attendance and audio assignment modules
- Deployed backend services and MongoDB-based applications on DigitalOcean

### Backend Developer

Bluethink

May 2023 – Dec 2023

Onsite

- Developed backend APIs and database logic for an e-commerce platform
- Integrated payment gateway functionality and authentication workflows
- Optimized database queries and improved API response performance

## PROJECTS

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### Realtime Collaboration Platform | Next.js, Golang, WebSockets, MongoDB

2025

- Built a realtime collaboration platform with shared rooms and live user presence
- Implemented collaborative whiteboard and concurrent editing functionality
- Integrated WebSocket-based realtime communication

### AI Meeting Assistant | Next.js, Node.js, PostgreSQL, OpenAI

2025

- Built an AI meeting assistant that generates transcripts and meeting summaries
- Integrated authentication, media uploads, and AI APIs
- Implemented backend APIs and meeting data workflows

### School Management SaaS | React.js, Node.js, MongoDB, Socket.IO

2025

- Developed modules for attendance, realtime bus tracking, and classroom management
- Integrated realtime alerts using Socket.IO
- Built REST APIs and responsive frontend interfaces