

# Shivanshu Mishra

+919569032860 | [mshivanshu1264@gmail.com](mailto:mshivanshu1264@gmail.com) | [linkedin.com/in/shiv](https://linkedin.com/in/shiv) | [github.com/shiv](https://github.com/shiv)

## EDUCATION

### Bachelor of Technology in Computer Science

*Lovely Professional University*

Aug. 2021 – Present

*Phagwara, Punjab*

### Intermediate

*Ratna Memorial Public School*

Aug. 2020 – May 2021

*Gorakhpur, Uttar Pradesh*

## TECHNICAL SKILLS

**Programming Languages:** JavaScript (TypeScript), C++, SQL, HTML5, CSS3

**Frameworks and Libraries:** React.js, Node.js, Next.js, Express.js, Socket.IO, WebRTC

**Technologies and Tools:** PostgreSQL, MongoDB, REST APIs, Git, Linux, Tailwind CSS, Chart.js, Vite

## EXPERIENCE

### Bizowl

*FrontEnd Developer*

Oct 2024 – Dec 2024

*Remote*

- Worked with React to develop and manage forms, ensuring seamless user interactions and data handling
- Designed and implemented UI components based on Figma designs, maintaining consistency and responsiveness
- Collaborated with a team of developers on GitHub, managing code reviews, pull requests, and version control

## PROFESSIONAL EXPERIENCE

### Codeforces Visualizer | *Next.js, React, TypeScript, Tailwind CSS, Chart.js*

Oct. 2024 – Present

- Engineered a full-stack web application using Next.js and TypeScript, serving 100+ daily active users; implemented RESTful API integration with Codeforces platform, processing 1000+ API requests daily
- Created interactive visualizations with Chart.js for real-time user stats; used Tailwind CSS for responsive design
- Developed user profiles with key metrics and integrated Gemini API for personalized insights
- Designed rating change graphs and recent submissions features to help users track their competitive programming progress

### Peer-to-Peer Video Calling Application | *React.js, WebRTC, PeerJS, Socket.IO, Node.js*

Apr. 2024 – Present

- Developed a real-time peer-to-peer video calling application using WebRTC and PeerJS for seamless communication between users; established signaling and room creation using Socket.IO, enabling users to join rooms and initiate WebRTC connections; implemented backend with Node.js and Express to manage signaling and room management, ensuring efficient communication flow
- Built a responsive, modern frontend with React.js and Vite, utilizing Shadcn UI for an intuitive user experience; integrated dynamic media stream management and peer-to-peer connection handling with WebRTC, improving call quality and stability

### Real-time Chat Application | *Vite, React, Node.js, PostgreSQL, Socket.IO*

Apr. 2024 – Present

- Engineered a full-stack real-time chat application using Vite for build optimization and React for frontend development; implemented secure user authentication and authorization using JSON Web Tokens (JWT)
- Designed and developed RESTful API endpoints using Node.js and Express.js for backend functionality; utilized PostgreSQL for efficient data storage and retrieval, ensuring data persistence and integrity
- Integrated Socket.IO to enable real-time bidirectional event-based communication for instant messaging; created responsive and intuitive user interface using Shadcn UI library and CSS for cross-platform compatibility

## ACHIEVEMENTS

- Achieved 5-star rating (top 10%) in HackerRank C++ among 200,000+ developers
- Ranked in top 3000 globally (top 2%) among 150,000+ participants in Codeforces contests
- Maintained consistent problem-solving streak with 600+ solutions across LeetCode, Codeforces, and Codechef