

**BRIJESH SINGH** **IIIT Gwalior** <https://brijeshstack.vercel.app> 📍 Lucknow, UP 📞 +91 7984920911

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## EXPERIENCE

**Computer Science Instructor** *Expograde Academy* May 2024 - July 2024

- Taught fundamentals of computer science and programming. Guided students through C++, Java, Python, and JavaScript basics. Encouraged coding mindset and problem-solving techniques.

**Full Stack Developer & Team Manager** *Rishishwar Industries* May 2025 - Present

- Contributed to multiple projects, developing interactive 3D components with **Three.js** and building a **face authentication system**.
- Promoted to **Team Lead** for the **Learn2Pay** project, where I implemented **role-based authentication and authorization**, designed a **hybrid monolithic-microservices architecture**, and successfully led and managed the development team.

## PROJECTS

**CodeSync** [*Next.js, WebSocket, WebRTC, NextAuth.js, Express, MongoDB, Azure AI API*]

- Real-time code collaboration with live group video call, group chat, chatbot assistant & file system like VS Code.
- Includes cursor tracking, pointer names, support for all languages, auto code completion IDE.
- Link: <https://codesynccollab.vercel.app>

**CRPTED** [*React, Rechart.js, MongoDB, REST API, Express*]

- Live crypto price tracker with market insights and charts.
- Link: <https://crpted.vercel.app>

**Tune Together** [*React Native, WebSocket, WebView*]

- A collaborative cross-platform app that lets users create rooms to browse, watch, listen, and interact together in real-time. Everyone in a room shares a fully synchronized session, enabling them to explore, stream, and engage online—together.
- Link: [https://github.com/coderrrx-Brijesh/tune\\_together](https://github.com/coderrrx-Brijesh/tune_together)

## SKILLS

- **Full-Stack Development:** Next.js, React, Node.js
- **Real-Time Communication:** WebSocket, WebRTC
- **Databases:** MongoDB, SQL
- **DevOps:** Docker, Kubernetes, Jenkins,
- **Architectures:** Monolithic, Microservices
- **Programming Languages:** C++, Java, JavaScript, Python
- **Styling:** HTML, CSS, Tailwind CSS
- **Version Control:** Git, GitHub, Gitlab

## ABOUT

I am a third-year B.Tech IT student at IIIT Gwalior with a solid foundation in Full Stack Development and DevOps. My interests span web and mobile technologies, competitive programming, and real-time application development. I enjoy building scalable systems, automating workflows, and contributing to open-source projects that solve real-world problems.

## EDUCATION

**B.Tech in Information Technology:** IIIT, Gwalior (Aug 2023 - Present- Aug 2027)

CGPA: 8.03

**JEE Mains:** 98 Percentile

**CBSE Class XII:** Army Public School Dhrangadhra

Percentage: 82%

**CBSE Class X:** Army Public School Lucknow

Percentage: 85%

## ACHIEVEMENTS

- **1<sup>st</sup> Place**, IIIT Gwalior Programming Contest (300+ participants)
- **1<sup>st</sup> Place**, IIIT Gwalior Winter Projects Hackathon.
- **2<sup>nd</sup> Place**, Techathalon Coding Contest at Infotsav, IIIT Gwalior's technical fest.