

# Niranjan Kumar Chaurasiya

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LinkedIn

GitHub

LeetCode

## Education

### Bachelor of Technology in Computer Science Engineering

July 2022 – July 2026

Vellore Institute of Technology Bhopal University, Madhya Pradesh

CGPA: 8.40

### 12th Grade

June 2022

Biraspati Parsai Senior Secondary School, Sikkim

CBSE — Percentage: 84.2%

### 10th Grade

July 2020

Middle Camp Secondary School, Sikkim

CBSE — Percentage: 85%

## Projects

### VITsta360 - Virtual Tour Platform for VIT | HTML, CSS, JavaScript, Three.js, React.js Blender February 2024

- Designed and Developed a **virtual tour platform** using advanced web technologies, showcasing **10+ campus locations** and **10+ key facilities**, enhancing campus exploration for **500+ students** with **360-degree street view**
- Implemented a **user-friendly interface** with React.js and Node.js, featuring **20+ informational hotspots** and videos with **100% responsive design** for seamless experience across all devices
- Utilized **Three.js** and **Blender** for advanced 3D visualization and rendering capabilities to create immersive virtual tour experiences

### Preppo - EdTech Platform | React.js, Node.js, Firebase, Gemini API, HTML, CSS, JavaScript June 2025

- Designed and launched a responsive learning platform with **600 quizzes across 6 CS subjects** for students, featuring instant feedback, structured assessments, and persistent progress tracking via **Firestore**.
- Orchestrated a full-stack quiz platform featuring 30 quizzes across 6 computer science subjects, each containing 20 questions that rigorously assessed understanding of core concepts, enhancing student knowledge.
- Integrated **Gemini API** to deliver real-time AI-generated content for **100+ topics**, reducing manual content creation by **90%** and enabling scalable coverage across core Computer Science areas.
- Built a modern, mobile-first UI using **React.js**, implemented secure auth with **Firebase** and **Node.js**, and optimized performance with modular code and real-time sync.

## Technical Skills

**Programming Languages:** C/C++, JavaScript, Python (Basics)

**Frameworks & Technologies:** React.js, REST API, MySQL, MongoDB, SQL, HTML, CSS, Node.js, Express.js, Bootstrap, Tailwind Css.

**Tools & Platforms:** Git, GitHub, AWS Cloud (Basics), Firebase

## Coding Profiles

• **LeetCode:** Solved **100+ problems**

• **GeeksforGeeks:** Worked out **100+ questions**, ranking of **1889**

## Achievements & Leadership

**Hackathon Participant:** Walmart Sparkathon, Smart India Hackathon

**Event Management:** Blockchain Club VIT Bhopal

**TCS CodeVita :** Secured Global Rank of 3730 (Season XII).

[Certificate](#)

## Certifications

- Coursera: [The Bits and Bytes of Computer Networking](#)
- NPTEL: [Cloud Computing](#)
- Vityarthi: [Python Essentials](#)
- NPTEL: [Marketing Analytics](#)
- IBM: [Devops Fundamentals](#)
- IBM: [Cyber Security Analyst](#)

## Additional Information

**Language Skills:** English (Fluent), Hindi (Native), Nepali (Elementary)

**Interests/Hobbies:** Badminton, Chess, Reading.