Niranjan Kumar Chaurasiya

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Education

VIT Bhopal University
Bachelor of Technology in Computer Science & Engineering
CGPA:**8.46**

Bhopal. Madhya Pradesh
2022 - 2026

Biraspati Parsai Senior Secondary School
12th Class | CBSE | Percentage: **84.2%**

Ranipool, Sikkim
2022

Middle Camp Secondary School
10th Class | CBSE | Percentage: **85%**

Martam, Sikkim
2022

Projects

Preppo | *React.js, Node.js, Firebase, Gemini API, HTML, CSS, JavaScript*   **Live   Github**
- 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.
- **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.

VITsta360 | *HTML, CSS, JavaScript, Three.js, React.js Blender*   **Live   Github**
- 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 of VIT Campus** 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.

IngreSnap| *React, TypeScript, Tailwind CSS, TesseractJs*   **Live   Github**
- Pioneered OCR-powered ingredient analysis tool empowering consumers with real-time allergen detection and comprehensive nutritional information.
- Collaborated with a 9-member team where I **worked as Frontend Developer** to deliver a production-ready web app under faculty supervision.
- Achieved **85% precision in ingredient recognition** from captured image through OCR. Implemented Tesseract for overall features.

Skills

Languages : C/C++, Python, Javascript
Tools & Technologies : Git, Github, Firebase,
Pandas, PowerBI, Excel

Framework: ReactJs, NodeJs, ExpressJs,Tailwind CSS,API
Database: MySQL, MongoDB

Achievements & Certifications

Achievements - Secured Global Rank of **3730** in **TCS CodeVita** (Season XII)

Certifications- **DevOps Fundamentals** By **IBM** ProLearn (Secured 89%) | **NPTEL - Cloud Computing** (Secured 80%)

Additional

Language Skills: English, Hindi,Nepali
Volunteer Experience: Handled Events in Blockchain Club VIT Bhopal as Club Co-Ordinator. Apart from Clubs, actively participate in Stock Research & Finalatics.   **Interests/Hobbies:** Badminton, Chess & Reading.