

Niranjan Kumar Chaurasiya

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science & Engineering
CGPA: **8.44**

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 (Full Stack)*

[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 (Full Stack)*

[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.

Sales Analysis | *Python, Pandas, Power BI (Data Science)*

[Github](#)

- Executed an end-to-end analysis workflow, transforming raw retail data using **Python (Pandas)** and building an **interactive Power BI dashboard** to provide actionable sales insights.
- Developed a dynamic Power BI dashboard to visualize key metrics—including **sales trends, top products, and payment methods**—featuring an interactive slicer for drill-down analysis.
- Engineered a robust data cleaning process in Python to handle missing values, standardize data types (e.g., Excel date formats), and remove transactional inconsistencies to ensure data integrity.

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.