

SHIVAM PATEL

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EDUCATION

VIT BHOPAL UNIVERSITY

B.Tech in Computer Science and Engineering

CGPA: 7.7/10

Course Work: Software Engineering, Operating Systems, DSA, Cloud Computing, OOPS, Computer Networks

May 2022 – June 2026

Bhopal, Madhya Pradesh

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, TypeScript

Frameworks and Libraries: React.js, Next.js, Node.js, Tailwind CSS

DevOps and Tools: Git, GitHub, AWS

Databases: MongoDB, MySQL

Concepts: Application Development, REST APIs, Data Structures and Algorithms, Artificial Intelligence

PROJECTS

SNAPCAST: Full Stack Video Sharing Platform | Next.js 15, React 19

- Built a complete video sharing web app where users can record, upload, and manage videos with custom thumbnails, titles, and privacy settings.
- Added secure login using **Google OAuth** and **Arcjet** for rate limiting and bot protection.
- Integrated **Bunny CDN** for smooth video streaming and **Neon PostgreSQL** for scalable data storage.
- Link - <https://snap-cast-taos.vercel.app/>

CAMPUS CONNECT: CROSS PLATFORM APP | React Native & Firebase

March 2025 – May 2025

- Integrated gamification features into the mobile application, such as points and badges for active participation, boosting student engagement by over 60% based on user activity metrics.
- Reduced data latency by 60% for 50+ concurrent users using Firebase Realtime DB

EXTRACARRICULAR & ACHIEVEMENTS

- Deployed three AI-powered automation workflows on Oracle Cloud Infrastructure (OCI), decreasing manual data entry by 60% and freeing up 15 hours per week for the data analytics team.

EXPERIENCE

IoT Club | Core Member – Design & Technical Team | VIT Bhopal | Full Stack

BACK-END TYPESCRIPT | NEXT | MONGODB

October 2024 – January 2025

- Engineered IoT project infrastructure with SSR and API caching, streamlining workflows and reducing manual effort by 85%

CERTIFICATIONS

Oracle GenAI Professional Certification

NPTEL Cloud Computing Certification

ADDITIONAL INFO

Languages Known: English (Fluent), Hindi(Native)

Hobbies & Interests: Reading ,Travelling,