

# 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

## EXTRACURRICULAR & 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,