

# Abhishek Kumar

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## Education

### VIT Bhopal University

Jun 2026

B.Tech in Computer Science and Engineering — **CGPA: 8.01/10**

Coursework: DSA, Algorithms, OS, DBMS, OOP, Networks

## Skills

**Languages:** Java, JavaScript, Python, TypeScript, SQL

**Full Stack:** React, Next.js, Node.js, Express.js, REST APIs

**Backend:** API Design, Auth, Authorization, MVC, Caching

**Databases:** PostgreSQL (Neon), MongoDB, Prisma ORM

**Core CS:** DSA, Algorithms, OOP, System Design Basics

**Tools:** Git, GitHub, Docker (basic), Postman, Vercel, Clerk

**AI:** ChatGPT, Groq, Cohere, Hugging Face

## Projects

### Pixora – Full-Stack Creator Booking Platform

Aug 2025

*Next.js, Node.js, Express, PostgreSQL, Prisma, Clerk, WebRTC*

- Built a full-stack booking platform with creator profiles, scheduling, and secure client interactions, used by 50+ pilot users.
- Developed optimized REST APIs with Express/Prisma, reducing average response latency by 30%.
- Implemented Clerk authentication with RBAC to strengthen platform security and session stability.
- Added WebRTC (Vonage) video calls, increasing user engagement and booking conversions by 25%.

### Mushroom – Multimodal AI Chatbot

Apr 2025

*Python, Cohere, Groq, Hugging Face, TTS/STT*

- Created a multimodal AI assistant capable of processing text, audio, and image queries, improving user interaction coverage by 60%.
- Architected STT/TTS pipelines using transformer-based models, reducing debugging time and improving system maintainability.
- Integrated automated evaluation workflows that increased output consistency and reduced model errors by 25%.
- Enhanced inference via Groq/Cohere APIs, cutting response latency by 40% and improving prediction accuracy.

### Nom Nom Now – Food Discovery App

Aug 2024

*React, REST APIs*

- Built a responsive food discovery app with refined React components.
- Configured REST APIs for real-time restaurant data, cutting load times by 20%.
- Established secure auth and protected routes for a stable user experience.
- Improved frontend performance through efficient state and API handling.

## Achievements

- Selected for **Ericsson Edge Academia Program** — top 500 engineering students in India.
- Produced university media assets reaching 100k+ viewers across platforms.

## Experience & Leadership

### Campus Ambassador — Kreo

Jan 2025 – Present

- Delivered 15+ demos and outreach events, raising student adoption by 20%.
- Gathered feedback from 50+ users, helping prioritize product improvements.

### Media & Photography Team — VIT Bhopal

Aug 2022 – Present

- Produced 100+ media assets for university campaigns, increasing digital engagement.
- Created promotional content (+30% outreach) and contributed to VIT's official ad film (100k+ views).

### Regional Badminton Player

2019 – 2021

- Represented JNV in regional tournaments, demonstrating consistency and discipline.