

# Ashish Kumar

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## EDUCATION

### VIT Bhopal University

Bachelor of Technology

Major in Computer Science and Engineering

Cumulative GPA: 7.65/10

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Computer Architecture & Organization, Database Management System, Computer Networks

Bhopal, IN

Expected May 2026

## UNIVERSITY PROJECTS

### Patient Management System | *Node.js, Next.js, Appwrite*

Jan 2025

- Built a full-stack patient management system, resulting in 20% faster patient processing times after launch.
- Implemented secure user authentication and SMS notifications for appointment reminders to reduce no-shows by 15%, enhancing patient engagement and optimizing physician schedules for 120 patients.
- Designed a database schema to efficiently store and manage patient records and appointments

### Flashcard Application | *React.js, Next.js, Stripe API*

May 2024

- Developed a robust flashcard application supporting personalized learning workflow for 100 active users.
- Engineered error-handling protocols for payment integrations, ensuring system integrity under load using Stripe API.

### Online Image Editor | *JavaScript, HTML, CSS*

Dec 2023

- Designed a web-based image editor, enabling users to edit images directly in the browser.
- Implemented **10+** features, including 5 image filters, brightness/contrast adjustments, and rotate/flip options, enhancing editing capabilities.
- Optimized performance, reducing load time by 40% and ensuring smooth responsiveness across devices.

## ACTIVITIES

### SIAM Students Chapter VITB

Bhopal, IN

Non-Tech Lead

Jan 2024 – Jan 2025

- Organized 10+ team-building activities, 5 networking sessions, and 3 outreach programs, leading to a 25% increase in student participation and fostering a more vibrant community.
- Lead social media campaigns, increasing event registration by 20% and reaching 10,000+ users through promotions.

### VIT Bhopal ACM Students Chapter

Bhopal, IN

General Secretary

Aug 2023 – Sep 2024

- Led the student chapter by coordinating with 30+ members, 3 faculty advisors, and 10+ industry experts, increasing participation by **30%** and strengthening the tech community.
- Successfully planned and conducted a 24-hour hackathon with 150+ participants and organized 5+ coding workshops on topics like competitive programming and web development, benefiting over **200** students.

### Youth for Sustainability

Bhubaneswar, IN

Volunteer

May 2021 – Jun 2022

- Coordinated **5+** volunteer activities, including 2 clean-up drives and 3 sustainability workshops, engaging over **100** students in environmental conservation efforts.
- Helped plan and execute 4 sustainability drives, including 2 tree plantation programs that resulted in the planting of **500+** trees and 2 waste management awareness campaigns, reaching over **200** participants.

## ADDITIONAL

**Languages:** English (Bilingual), Hindi (Native)

**Programming Languages:** C++, C, Java, Python

**Web Development:** HTML, CSS, JavaScript, Express.js, React.js, Node.js

**Database:** MongoDB, MySQL

**Developer Tools:** Git, VS Code, PyCharm, AWS, Linux/Bash

**Certifications & Training:** Full Stack Developer MERN, NPTEL Cloud Computing