

# Ankit Singh Chouhan

Experienced Full-Stack Developer with strong proficiency in scalable backend systems using Node.js and modern web technologies, including APIs, caching, background jobs, and payment integrations, with 150+ DSA problems solved.

Ujjain, M.P. / ankitsinghchouhan682@gmail.com / +91 7828736686 / [My Portfolio Website](#) / [github.com](#) / [LinkedIn.com](#)

## Experience

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### Backend/Full-Stack Developer Intern | Sewastack | July 2025 – December 2025

- Built full-stack web apps and static websites using **React.js, Next.js, Node.js, MongoDB, Tailwind CSS, and PHP**. Deployed via cPanel.

### Data Structures & Algorithms

- Solved 150+ DSA problems across LeetCode and GFG. Strong in DP, graphs, trees, and problem-solving under time constraints.

### Version Control (Git & Github)

- Managed code, branching, and collaboration using Git; familiar with open-source workflows and clean commits.

### Backend Systems & Architecture

- Built scalable backend systems using RESTful APIs with MVC architecture, Redis caching (Upstash), async background jobs and event-driven workflows (Inngest), secure authentication and authorization (JWT), microservices fundamentals, system design principles, and payment gateway integration (Razorpay).

## Education

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VIT Bhopal University, Integrated M.Tech in Computer Science

Aug 2022 – March 2027

- Coursework:** Data Structures and Algorithms, Computer Networks, Database Management Systems

Chaitanya Keerti School , Class XII (MP Board)

July 2021 – March 2022

- Percentage:** 81.4%

Class X (MP Board) – 90.33%

July 2019 – March 2020

## Skills

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- Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript, Node.js, PHP
- Frontend:** HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Next.js, Shadcn UI, GSAP
- Backend:** Node.js, Express.js, RESTful API Development, Socket.io (Real-Time Apps)
- AI Integration:** GenAI, OpenAI API-powered study tools (summarization, PDF chat, quizzes, Q&A, image/diagram explanations).
- Databases & Caching:** MongoDB, MySQL, Redis (Upstash)
- Tools and IDE:** Git, IntelliJ IDEA, Postman, Visual Studio Code, Shell Scripting.
- Deployment & DevOps:** Vercel, Render, Heroku, GoDaddy domain purchase & DNS integration
- Other Skills:** Razorpay payment integration, Inngest (background jobs & event-driven workflows)

## Projects

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### LastMinutePreparation (LMP) – AI-Powered Exam Prep SaaS

[lastminutepreparation.in](#)

- AI-powered exam preparation SaaS delivering PYQs, topper-style answers, MCQs with explanations, and smart revision tools, with **200+ user signups and first paid customer validating product-market fit**.
- Designed a scalable backend architecture** capable of handling **high concurrent user traffic** without service degradation.
- Integrated **Razorpay payments**, **Inngest-based background job queuing**, and **Redis caching** to ensure **fast data access and scalable performance under high traffic**.

### TalkSphere – Real Time Chat App Using WebSocket

[TalkSphere Chat App Link](#)

- Scalable chat app with **React , Node.js/Express, Socket.io**; features authentication, friend requests, group chats, and media sharing via **Cloudinary**.
- Admin dashboard with **Chart.js**, deployed **frontend on Vercel** and **backend on Render**.
  - <https://github.com/ankitsinghrajp/TalkSphere>