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 200+ DSA problems solved.

Ujjain, M.P. / ankitsinghchouhan682@gmail.com / *+91* 7828736686 |*My Portfolio Website* |*github.com* |*LinkedIn.com*

Experience

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, AWS lightsail.**

Data Structures & Algorithms

- Solved 200+ 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

VIT Bhopal University, Integrated M.Tech in Computer Science   Aug 2022 – March 2027

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

    CGPA – 7.87

Chaitanya Keerti School , Class XII - 81.4%   July 2021 – March 2022

Class X (MP Board) – 90.33%   July 2019 – March 2020

Skills

- **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

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 **1800+ user signups and 15 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