

ARPIT KUMAR

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Professional Summary

Full Stack Developer experienced in building web applications with React, Node.js, Express, and MongoDB. Skilled in designing REST APIs, improving database performance, and building real-time features with AI integrations. Strong background in Data Structures & Algorithms through competitive programming.

Technical Skills

- Core Concepts:** JavaScript (ES6+), TypeScript, Python (basics), C++, SQL, HTML5, CSS3
- Frontend:** React 19, responsive/mobile-first design (Tailwind CSS, Bootstrap)
- Backend:** Node.js, Express, REST API design
- Generative AI / LLMs:** Gemini API integration, prompt engineering, AI-assisted feature development, basic understanding of LLM-powered product design
- Databases & Cloud:** MongoDB, MySQL, Vercel, Render
- Frameworks & Real-time:** Socket.IO, WebRTC, Clerk, Passport.js, Inngest, Stream SDK
- Tools:** Git/GitHub, VS Code, Postman, Thunder Client
- Core CS:** Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks

Experience

Full Stack Developer Intern | Oddiant Techlabs

Oct 2025 - Dec 2025

React, Node.js, Express, MongoDB, REST APIs, Git

Remote, Noida

- Built and deployed 5+ RESTful APIs using Node.js and Express, secured with JWT-based authentication, reducing unauthorized access incidents by 100% across all protected routes.
- Engineered efficient MongoDB schemas with strategic indexing and query optimization, reducing average data retrieval time by 35% and improving response times for 3+ key user functions.
- Developed 10+ reusable React components with Tailwind CSS, ensuring responsive, mobile-first UI across 5+ screen sizes, cutting UI development time by 30%.

Projects

Talent-IQ - AI-Powered Technical Interview Platform | [Live](#) | [GitHub](#)

2026

React 19, Node.js, MongoDB, Clerk, Stream SDK, Gemini AI, Inngest, Vercel

- Architected a full-stack platform on Vercel/Render scaling to 50+ concurrent sessions with 99.9% uptime, integrating Stream SDKs for ultra-low latency (<200ms) HD video conferencing, audio, and asynchronous messaging.
- Integrated Generative AI (Gemini) via REST APIs to automate ATS-friendly LaTeX resume generation and built a Monaco-based coding environment supporting 3+ languages, delivering a production-grade AI-assisted interview experience.
- Implemented secure Clerk authentication across 100% of routes and orchestrated background workflows via Inngest, boosting API reliability by 35%.

APMeet - Scalable WebRTC Video Conferencing App | [Live](#) | [GitHub](#)

2025

WebRTC, Socket.IO, Node.js, React, Render

- Engineered a WebRTC-based conferencing platform supporting 10+ participants per room, leveraging Socket.IO for signaling to achieve sub-second synchronization and reduce connection negotiation to under 1.5 seconds with a 95% peer connection success rate.
- Integrated HD screen sharing and real-time chat, processing 500+ secure data channel messages per session with zero packet loss across concurrent users.
- Architected a modular server framework that supported seamless feature updates and integrations; achieved a consistent throughput of 10,000 requests per second, improving overall system efficiency during high-demand periods.

Achievements & Responsibilities

- Lead Organizer, Hack the Hills** - Led a national-level hackathon at IIIT Una, managing cross-functional teams and driving participation from over 850 students.
- Competitive Programming** - Solved 200+ DSA problems across LeetCode & other platforms, improving solution efficiency and accuracy by over 30% | [Codolio](#)
- PR Team Member (Feb 2024 - Present), EIC IIIT Una** - Assisting in organizing E-Summit, supporting startup sessions, and event execution.
- Certifications** - Delta Batch Full Stack Web Development using MERN, Apna College | [Certificate](#)
- Event Coordinator, Mridang 2k25** - Managed artists, logistics, and large-scale crowd operations for the institute's flagship cultural fest.

Education

Bachelor of Technology in Computer Science and Engineering

2023 - 2027

Indian Institute of Information Technology, Una

Una, Himachal Pradesh