

KUNAL KHANDELWAL

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PROFESSIONAL SUMMARY

Full-Stack Engineer with experience building and scaling multi-tenant SaaS and eCommerce systems using Node.js, TypeScript, and Next.js. Delivered 15+ production applications, including systems deployed to Google Play Store and Apple App Store. Familiar with handling API traffic using caching, rate limiting, and efficient database design. Continuously improving in system design, performance optimization, and end-to-end product development from architecture to deployment.

EDUCATION

Guru Gobind Singh Indraprastha University | New Delhi

Expected Graduation: June 2027

Bachelor of Technology in AI/ML

TECHNICAL SKILLS

Core: Node.js, TypeScript, System Design, REST APIs

Frontend: React.js, Next.js, React Native

Backend & Real-Time: Express.js, Nest.js, WebSockets (Socket.IO), GraphQL

Databases & Caching: MongoDB, PostgreSQL, Redis

Cloud & Infrastructure: AWS (EC2, S3 – basic), Docker, Firebase, Cloudinary

Performance & Testing: Caching, Rate Limiting, Load Testing (K6)

Tools: Git, Postman

RELEVANT EXPERIENCE

FULL-STACK ENGINEER (Freelance)

January 2025 - Present

Self-Employed | Remote

- Built and deployed 15+ full-stack web and mobile applications across SaaS, eCommerce, and service platforms
- Developed scalable REST APIs using Node.js and Express.js, supporting real-world production workloads
- Integrated third-party services (e.g., Plaid, Firebase), enabling secure financial and authentication workflows
- Delivered applications to Google Play Store and Apple App Store, managing full deployment lifecycle
- Collaborated with clients to design system architecture and improve performance, reducing load times and enhancing UX

FOUNDING ENGINEER FULL-STACK(REMOTE)

September 2025 - April 2026

Arabazaar www.arabazaar.com

- Architected and developed a multi-tenant RFQ platform using Next.js, Express.js, PostgreSQL, and Redis, enabling businesses to manage quotation workflows at scale
- Designed scalable backend APIs handling concurrent requests with caching and rate limiting, improving response time by ~35%
- Implemented pagination and optimized database queries, reducing server load and improving performance under high traffic
- Structured a monorepo-based architecture for maintainability and faster development cycles
- Deployed and managed production infrastructure using Coolify, ensuring reliable CI/CD and uptime

FRONTEND ENGINEER (REMOTE)

July 2024 - September 2024

BuildInBharat

- Developed reusable and responsive React.js components for production applications
- Collaborated with a small team to deliver client-facing features and improve UI performance
- Contributed to frontend architecture and component design for scalability

PROJECTS

TVideo | Next.js, Express.js, MongoDB, Redis, Cloudinary, TanStack Query, Render, VideoJS

2024

- Engineered a full-stack video streaming platform with secure authentication, media upload pipeline, and content delivery optimized using caching and efficient data access patterns
- Implemented user engagement features including likes, subscriptions, and nested comment threads, leveraging caching to reduce read latency and improve performance
- Designed playlist management and post systems supporting text-based updates with validation and character limits
- Built an automated thumbnail extraction pipeline from uploaded videos, improving content discoverability and user experience
- Developed an embeddable video player and optimized backend APIs using pagination, caching, and query optimization, reducing response time and server load