

Kunal

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PROFESSIONAL SUMMARY

Full-Stack Developer skilled in React, Next.js 14, Node.js, Express.js, RESTful APIs, MongoDB, and TypeScript. Built and deployed 3 production applications with 30+ APIs, 89+ unit tests, and scalable architectures. Experienced in component libraries, authentication systems, real-time dashboards, and database optimization.

TECHNICAL SKILLS

Frontend: Next.js 14, React 18, TypeScript, Tailwind CSS 4, TanStack Query, Shadcn UI, Framer Motion

Backend: Node.js, Express.js, RESTful APIs, Inngest, Nodemailer, Better Auth, Axios

Databases: MongoDB, PostgreSQL, Drizzle ORM, NeonDB

DevOps & Tools: Git, GitHub, Vercel, Railway, Docker, Postman, VS Code

Core Skills: Data Structures & Algorithms, System Design, Component Architecture, Unit Testing

PROJECTS

StockPulse - Real-Time Stock Dashboard | [GitHub](#) | [Live](#)

- Developed full-stack stock tracking application using Next.js 14 and Finnhub API integration with Inngest background job processing.
- Built 15+ responsive components with Tailwind CSS 4, Shadcn UI, and TradingView widgets for real-time market visualization.
- Implemented MongoDB watchlists, Nodemailer price alerts, and Better Auth authentication—deployed on Vercel.

InsightOps - Knowledge Management Platform | [Client](#) | [Server](#) | [Live](#)

- Architected 31 RESTful APIs and 25 custom React hooks with comprehensive test coverage (89+ unit tests).
- Developed real-time risk dashboards using Next.js 14 and Tailwind CSS 4 with Axios JWT refresh interceptors.
- Optimized database queries reducing load times by 60% using MongoDB aggregation pipelines.

Classroom - Institutional Management System | [Client](#) | [Server](#) | [Live](#)

- Created 30+ component React library with TypeScript, Tailwind CSS 4, and role-based access control (RBAC).
- Integrated Drizzle ORM with NeonDB for scalable database operations and automated enrollment workflows.
- Implemented Arcjet security, Better Auth sessions, and production deployment on Vercel/Railway.

EXPERIENCE

Prodigy InfoTech

Web Development Intern (1 Month)

- Developed 15+ responsive React components using Tailwind CSS 4 and Shadcn UI, improving UI consistency by 90%.
- Optimized JavaScript DOM interactions reducing render times by 40% through memoization and virtualization.
- Collaborated with 5-member team to deliver 8 client features under tight deadlines.

InternPe

Java Programming Intern (1 Month)

- Built backend modules using Core Java OOP principles and optimized data structures for 2x query performance.
- Designed and implemented array/tree-based algorithms solving 20+ production-level system challenges.
- Maintained 100% code quality standards through comprehensive testing and peer code reviews.

EDUCATION

College of Engineering Roorkee

B.Tech, Computer Science and Engineering

- Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Web Technologies
- Academic Projects: Full-Stack Applications, REST API Development, Frontend Component Libraries