

# ANSHU KUMAR

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## TECHNICAL SKILLS

**Languages :** Java, JavaScript, TypeScript, HTML5, CSS3, Sass

**Frontend & UI :** Next.js, React.js, Tailwind CSS, Zustand, shadcn/ui, ZOD, Jest, React query

**Backend & Database :** REST APIs, Node.js, MongoDB

**Cloud & Services :** AWS, Vercel, Git, Firebase

**Tools & Platforms :** Vs Code, IntelliJ IDEA, Sublime

## EXPERIENCE

### Setindiabiz

Software Developer

Noida, India

Aug 2023 - Present

- Engineered a **Headless CMS** and **Micro-Frontend** architecture, slashing build times by 77% and size by 23% to significantly enhance development scalability and productivity.
- Mastered **Core Web Vitals** by implementing tree-shaking, code-splitting, and DOM optimization, achieving a perfect 100% performance score on Google **PageSpeed** Insights.
- Developed an online order calculator using Zod validation and Firebase, streamlining the incorporation process and driving a measurable 15% increase in sales.
- Spearheaded a full-scale **Migration** from WordPress to Next.js and TypeScript, boosting organic traffic by 25% through superior SEO and enhanced site maintainability.
- Established a robust testing culture by writing unit and integration tests with **Jest** for complex modules like dynamic forms and calculators, reducing production bugs by 30% and accelerating feature delivery.
- Optimized data fetching patterns by integrating **TanStack Query**, implementing intelligent caching strategies that reduced database load by 40% and delivered near-instant page transitions for the blog.

### Hari Web Infotech

Angular Developer Intern

Delhi, India

Feb 2023 - Aug 2023

- Developed a suite of high-performance CRUD APIs for the Key-Insight microservice, facilitating seamless data flow between internal analytical systems and the core e-commerce engine.
- Refined frontend architecture by implementing a modular UI system using Angular, Tailwind CSS, and Shadcn UI, resulting in a significant reduction in technical debt and improved cross-browser performance.
- Empowered the design team by conducting workshops on modern frontend frameworks, streamlining the hand-off process from Figma to code and accelerating overall sprint velocity.
- Architected search optimizations for a flight booking engine by refining complex API queries and implementing throttling and debouncing strategies to minimize redundant server requests and improve UI responsiveness.

### Akonto

Software Developer Intern

Gurugram, India

Sep 2022 - Jan 2023

- Architected high-fidelity UI modules for core accounting workflows—including invoices, estimates, and billing systems—prioritizing a friction-less user journey for financial management.
- Engineered sophisticated features such as client-side image processing, robust offline-sync capabilities, and dynamic document previews by leveraging advanced parent-child component architecture.
- Spearheaded the synchronization of web-based features into the Ionic mobile ecosystem, achieving 100% UI/UX parity across web and mobile platforms.
- Collaborated within a distributed Agile environment to maintain a unified codebase, ensuring that complex financial features were deployed simultaneously across all user touchpoints.

## PROJECTS

### Real-Time Chat Application — Nextjs, Node.js, RabbitMQ, MongoDB

June 2023

- Developed a high-performance, real-time communication platform using Next.js and Node.js, utilizing an event-driven architecture to achieve sub-100 ms message latency across concurrent user sessions.
- Orchestrated a robust messaging backbone with RabbitMQ, implementing sophisticated queuing strategies and parallel processing to maintain data integrity and 99.9% delivery reliability during high traffic spikes.
- Developed an immersive real-time interface featuring live presence tracking and predictive typing indicators, leveraging WebSocket protocols to synchronize state across distributed clients.
- Optimized data ingestion and rendering by implementing a custom infinite scroll mechanism, significantly reducing initial payload sizes and server overhead through lazy-loading and efficient chat history indexing.

## EDUCATION

### Dronacharya College of Engineering, Gurgaon

Bachelor of Technology - Computer Science and Engineering

Gurgaon, India

Jul 2019 - Jun 2023