

# ANSHU KUMAR

New Delhi, Delhi - India

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## EXPERIENCE

### Setindiabiz

Software Developer

Noida, India

Aug 2023 - Present

- Reduced the **Build time** by 77% and **Build size** by 23% by implementing the Headless CMS and designed Micro-Frontend to increase the productivity and scalability.
- Passed the **Core Web Vitals** of pages, by implementing tree shaking, code splitting, third party optimisation, reduce nesting DOM trees and in house optimise code.
- Developed an online order calculator with schema validation using **ZOD** and secure authentication via **Firebase**, streamlining the ordering process for Company Incorporation packages. Increase sales order by 15%.
- Enhanced website performance through feature optimizations and code refactoring, achieving a 100% performance score on Google PageSpeed Insights, which boosted SEO rankings and user satisfaction.
- Integrated key third-party services including Zoho CRM, Firebase, MongoDB, and AWS S3 to drive platform growth and improve operational efficiency.
- Engineered reusable UI components, REST APIs, and secure authentication systems, while customizing Shadcn UI for an enhanced user interface.
- Lead the migration of the website from WordPress to Next.js, utilizing Tailwind CSS, Shadcn UI, MongoDB, and TypeScript to improve performance, scalability, and maintainability. Increase the traffic by 25%.
- Built a custom **CMS** for blog, facilitating easy SEO optimization, streamlining blog deployment, and ensuring secure content management, which enhanced team productivity.

### Hari Web Infotech

Angular Developer Intern

Delhi, India

Feb 2023 - Aug 2023

- Developed CRUD APIs for the Key-Insight service, integrating with internal systems to enhance the e-commerce platform.
- Optimized application performance and functionality using Angular, Tailwind CSS, and Shadcn UI.
- Mentored UI design team on frontend frameworks, driving a good increase in team productivity.
- Enhanced the flight booking app's search engine by optimizing APIs and queries, and implementing throttling and debouncing for improved user experience.

### Akounto

Software Developer Intern

Gurugram, India

Sep 2022 - Jan 2023

- Designed and developed key UI features for creating invoices, estimates, and bills, delivering a seamless and intuitive user experience within the accounting software.
- Implemented advanced functionalities including image cropping, offline mode, and invoice/estimate previews by utilizing parent-child communication, reusable components, and third-party integrations to elevate user experience.
- Integrated web-based features into the Ionic mobile app, ensuring consistency and a smooth user experience across platforms.
- Optimized the flight booking engine by adding flexible filters (inbound, outbound, one-way, two-way), improving search accuracy and enhancing user satisfaction.

## PROJECTS

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

June 2023

- Designed and built a real-time chat application using Nextjs and Node.js, enabling low-latency multi-user messaging with a scalable, event-driven architecture.
- Implemented RabbitMQ-based message queuing, server-side caching, and parallel message processing to reliably handle high concurrency and ensure consistent message delivery.
- Developed live user presence, typing indicators, and online status tracking, enhancing real-time user interaction and improving overall chat experience.
- Optimized chat history retrieval using infinite scroll, loading previous messages on demand to reduce API load, improve performance, and support large conversation histories.

## EDUCATION

### Dronacharya College of Engineering, Gurgaon

Gurgaon, India

Bachelor of Technology - Computer Science and Engineering

Jul 2019 - Jun 2023

## TECHNICAL SKILLS

**Languages:** C, Java, JavaScript, TypeScript, Python, HTML5, CSS3, Mdx, Scss, Pug

**Frontend & UI :** Reactjs, Nextjs, Tailwind CSS, Zustand, Shadecn UI, Bootstrap, ZOD, Framer Motion

**Backend & Database:** Nodejs, Expressjs, Mongodb, Mongoose, Nodemon, Planet Scale

**Cloud & Services:** AWS, Vercel, Nestify, Git, Rabbit MQ, Firebase, Zoho CRM, Razorpay, Google Sheet

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