

ANSHU KUMAR

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TECHNICAL SKILLS

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

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

Backend & Database : REST APIs, WebSockets, Node.js, Express.js, MongoDB, Mongoose, Nodemon, PlanetScale

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

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.
- Integrated a robust tech stack including Zoho CRM, AWS S3, and MongoDB to automate operational workflows and improve cross-platform data synchronization and efficiency.
- Architected a secure, custom CMS for blog management, simplifying SEO workflows and content deployment while ensuring high-performance rendering and team operational productivity.
- Designed a library of reusable UI components by customizing Shaden UI and Tailwind CSS, ensuring visual consistency and rapid feature delivery across the platform.

Hari Web Infotech

Delhi, India

Angular Developer Intern

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.

Akounto

Gurugram, India

Software Developer Intern

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

Gurgaon, India

Bachelor of Technology - Computer Science and Engineering

Jul 2019 - Jun 2023