

Daksh Yadav

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EXPERIENCE

Full Stack Developer

Dec 2024 – Present

Freelance

Remote

- Designed and built scalable full-stack applications using Next.js, React, Node.js, and modern tooling like TurboRepo, delivering high-performance web apps with optimized SEO, SSR, and responsive UI (Tailwind CSS).
- Engineered robust backend systems with PostgreSQL, MongoDB, WebSockets and Redis Streams, implementing efficient data storage, real-time updates, and secure API integrations for seamless frontend-backend communication
- Deployed and maintained production-grade solutions by leveraging cloud platforms (Vercel, AWS, etc.) ensuring high availability and optimal performance.

Full Stack Developer

March 2024 – Dec 2024

Midnight Customs

Bolton, Canada (Remote)

- Developed and deployed a custom website for Midnight Customs using Next.js, React, and Tailwind CSS, enhancing online visibility and showcasing automotive services with a responsive, user-friendly design.
- Implemented an appointment scheduling system with Node.js and Nodemailer, enabling customers to book services seamlessly while automatically notifying management via email for appointment confirmations.
- Optimized user experience by integrating interactive UI components and ensuring fast load times, contributing to increased customer engagement and streamlined service bookings.

PROJECTS

Infinidraw | *TypeScript, Next.js, WebSockets, TailwindCSS, React, PostgreSQL*

July 2025 – Present

- Developed an interactive whiteboarding application enabling users to draw shapes, add annotations, and organize ideas on a digital canvas.
- Implemented real-time collaboration with WebSockets, allowing participants to create rooms, share boards, and see updates instantly from multiple users.
- Integrated secure room access and participant management using JWT-based authentication, ensuring private sessions and seamless multi-user coordination.

UpStack | *TypeScript, TurboRepo, Next.js, Express.js, Redis Streams, Nodemailer*

May 2025 – June 2025

- Developed a real-time uptime monitoring tool to track website availability, response times, and outages with email alerts.
- Used Redis Streams for asynchronous task processing and real-time data streaming, improving system performance and scalability.
- Implemented GitHub OAuth to retrieve data from user repositories and integrated secure authentication via NextAuth.js, enabling seamless Google OAuth 2.0 sign-in with session management, JWT encryption, and role-based access controls.

BlinkChat | *Nodejs, Reactjs, Websockets, MongoDB*

Jan 2025 – Feb 2025

- Built a scalable chat platform featuring instant messaging, typing indicators, and read receipts, supporting 500+ concurrent users with sub-200ms latency.
- Implemented JWT authentication and message encryption for secure communications, with chat history persistence in MongoDB and offline message synchronization.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, HTML/CSS

Frameworks & Libraries: React, Node.js, Next.js, Express.js, TailwindCSS, WebSockets, Prisma, socket.io

Databases & Tools: PostgreSQL, MongoDB, Redis

Developer Tools & Platforms: Git, Docker, VS Code, Cursor, Postman, Vercel, MongoDB Atlas

EDUCATION

Bachelor of Science in Computer Science

Aug 2024 – Aug 2028

Birla Institute of Technology and Science

Pilani, India