

# Dushyant Kumar

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## Welcome to

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I'm a Full Stack Developer (MERN) at Zenith Leisure Holidays since 3 Oct October 2024, working on scalable web apps using Next.js, TypeScript, Tailwind CSS, Node.js, Express.js, and MongoDB. I've contributed to key projects like the Railways Booking Portal (**IRCTC API integration**), Kumbh Camp Booking, and Visa Application Portal. I focus on building responsive UIs, REST APIs, and managing state with Redux Toolkit. Previously, I worked at Syzitisi Software Solutions and completed MERN training at Ducat.

## Skills

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- Languages Frameworks:** JavaScript, TypeScript, Node.js, Express.js, React.js, Next.js, Redux/Saga, Redux Toolkit, HTML5, CSS3, Tailwind CSS
- Databases APIs:** MongoDB, Redis, RESTful APIs, WebSockets, Socket.IO, JSON Web Tokens, SQL, PostgreSQL
- Tools Platforms:** Docker, Git, GitHub, CI/CD pipelines, Webpack

## Experience

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### Zenith Holidays , Software Engineer

Noida, IN  
Oct 2024 – Present

- full-stack development for travel booking platforms, integrating critical features (IRCTC train reservations, payment gateways) and optimizing performance for high-traffic events

### Syzitisi Software Solutions LLP , Front-End Developer(React)

Pune, IN  
June 2023 – July-2024

- Developing User Interfaces: Create and maintain responsive and intuitive user interfaces using React. State Management: Implement and manage application state with tools like Redux or Context API Performance Optimization.

## Projects

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### IRCTC Train Booking System Integration (Zenith Holidays):

Zenith Holidays – Train Booking 

- Integrate IRCTC train booking features (availability, fare enquiry, PNR status, booking, cancellation, refund) into the company platform.
- Designed Node.js/Express APIs with TypeScript for reservation flows and implemented a Redis/BullMQ queue to retry failed bookings and auto-trigger refunds on final failure.
- Developed a secure transaction flow with real-time tracking and containerized the application with Docker.

### Kumbh Mela Tent Booking System (Zenith Holidays)

- Built a Next.js website with Incremental Static Regeneration (ISR), achieving ultra-fast load times and securing a top-3 Google SEO ranking for tent rentals.
- Engineered a real-time inventory system to prevent overbooking and implemented dynamic pricing for four tent types, increasing revenue by 40%.
- Integrated the PayU payment gateway for secure transactions and optimized the Node.js/Express/MongoDB backend to handle high concurrent user traffic.

## Education

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### IN      Maharishi Dayanand University, Computer Science (B-Tech)

July 2018 – May 2022