

Aditya Mehrotra

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WORK EXPERIENCE

ADANI DIGITAL LABS | EXECUTIVE FRONTEND DEVELOPER

Gurugram | June 2024 – Present

Frontend Developer with experience in building and optimizing **SEO-driven** pages and **transactional flows** for **adanione.com**, focusing on performance and user experience improvements.

- Increased homepage performance by 12% through Core Web Vitals optimization (LCP, FID, CLS), improving SEO rankings and load times.
- Engineered SSR solutions using Next.js, cutting time-to-first-paint by 20% across critical customer journeys.
- Launched TripSure, a monetized waitlist protection product, directly contributing to a 10% uplift in train booking revenue and customer satisfaction.
- Built a dynamic SSR logic engine powered by MongoDB, enabling 200/404 response control across 100+ SEO pages—scaling content management and boosting crawl efficiency.
- Delivered fully tested, production-grade UI components with Jest and React Testing Library, reducing regression by 40% across two quarterly releases.

JSW ONE PLATFORMS | SOFTWARE DEVELOPMENT ENGINEER INTERN

Mumbai | May 2023 – July 2023

- Delivered a scalable admin dashboard using Next.js and Material UI, streamlining metadata management across 3+ product verticals
- Accelerated API response handling by 25% with optimized data fetching and lazy rendering.
- Standardized code quality with pre-commit Husky hooks and ESLint integration, lowering CI errors.

RAILTEL CORPORATION OF INDIA LIMITED | SUMMER INTERN

Gurugram | May 2022 – June 2022

- Configured a Windows Server failover cluster and SQL Server replication to simulate enterprise disaster recovery protocols.
- Automated system tasks on Linux servers using cron jobs and log monitoring, increasing script reliability across multiple runs.
- Drafted setup and recovery documentation and resolved configuration errors alongside infrastructure engineers..

PROJECTS

PORTFOLIO WEBSITE

NEXT.JS, TAILWIND CSS, SHADCN, MONGODB

Showcases projects and integrates contact forms; supports markdown content updates via custom admin panel

DANK FOOTBALL WEBSITE

REACT.JS, EXPRESS, NODE.JS, MONGODB, MATERIAL UI, JAVASCRIPT

Built a full-stack blog platform for football fans with JWT-based auth, role-based access, and a scalable comment system.

- Developed a working **User login** and profile system.
- Site has the features to comment on blogs, view **User profiles**, posting blogs.
- Implemented **NoSQL** databases for efficient storage of user data and blog content, ensuring robust **scalability** and performance.

EDUCATION

B.Tech Instrumentation and Control

New Delhi | November 2020 – May 2024

NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, C++, SQL, HTML/CSS

Frontend: React.js, Next.js, Tailwind CSS, Material UI

Backend & Infra: Node.js, Express.js, MongoDB, MySQL, Docker, AWS

Testing & Performance: Jest, React Testing Library, Lighthouse, GTmetrix, PageSpeed Insights

Tooling: Git, GitHub, ESLint, Husky, CI/CD (GitHub Actions), Postman, VS Code

Systems & Workflow: Cron Jobs, Linux CLI, Microsoft SQL Server, Agile, Scrum, Jira