Aditya Sharma

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Skills

Languages: C++, JavaScript, TypeScript, SQL

Technologies & Tools: React.js, Firebase, MongoDB, Next.js, Node.js, Express.js, AWS, Git, Tailwind CSS, Vite, JWT, Vercel, Oracle CPQ

Work Experience

Tata consultancy services(TCS), Pune   Jan 2024 - Present
Software developer

- Designed and executed backend modules for a large-scale internal tool, reducing CPQ product configuration and order processing time by 40% and improving operational efficiency across three departments.
- Proposed and managed over 15 REST APIs using Postman for bulk data operations (create, delete, update, retrieve), increasing automation efficiency by 20% and saving 25+ hours of manual effort per week.
- Built scalable data processing pipelines using SQL and integration platforms, enabling seamless migration of 1.5 million+ product asset records between internal systems with zero downtime.
- Optimized legacy data workflows using Oracle SQL to parse and manage structured data from legacy systems, reducing manual data cleanup efforts by 20% and improving data reliability.
- Engineered backend logic to synchronize and validate transactional data between frontend UI and backend DB layers, improving data integrity by 15% and reducing user-reported errors by 20%.
- Contributed to the frontend in the early development stages using React.js, implementing lazy loading and code-splitting to optimize product configurators and commerce modules, making the UI 30% faster and improving load performance.

Freelance   Jan 2025 - Feb 2025
Full-Stack Web Developer

- Enhanced and deployed a responsive website using React.js, Tailwind CSS, and Vite, integrating a functional contact form with real-time email notifications.
- Delivered a mobile-first, SEO-optimized site hosted on Vercel, achieving 95+ Lighthouse scores for performance and accessibility, and reducing initial load time by 45%.
- Increased user engagement by 80% through improved UI/UX and call-to-action placements, contact form submissions rose by 35% within the first month.

Education

RGPV Bhopal   Aug 2019 - Jun 2023
Bachelor of Technology   *CGPA: 8.01/10*
Relevant Coursework: HTML, CSS, Data Structures & Algorithms, Database Management Systems, Web Technologies, Object-Oriented Programming

Project Work

- **AstroBhavishyaShastra**[Live] [Code] Developed a full-stack astrology web platform for real-time consultations and slot booking with astrologers. Implemented user authentication and a seamless booking system. Integrated Razorpay for secure online payments. Restructured a responsive and animated UI using Figma, Tailwind CSS and Framer Motion. Composed with React.js, Node.js, Express.js, and MongoDB. Utilized Cal.com for calendar scheduling and launched the application on Vercel.
- **EliteBuy**[Live] [Code] Improved a modern e-commerce web application with a seamless checkout flow. Applied product filtering, search, and routing. Upgraded performance with memoization for faster load times. Redesigned a responsive UI using Tailwind CSS and added interactive animations with Framer Motion.
- **visivo**[Code] Developed the backend for a scalable video streaming platform with user authentication, video upload, and comment management. Implemented RESTful APIs for videos, likes, subscriptions, watch history, and added a search functionality. Integrated JWT-based authentication.Utilized Multer for file uploads and cloud-based video and image storage.Postman for API testing and documentation.

Awards and Certificates

- **TCS Appreciation Certificate:** Earned for consistent high performance, innovation in Postman automation scripts, and commitment to quality delivery.
- **Microsoft Certified:** Power BI Data Analyst Associate.