Ayush Mishra

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Education

Bachelor of Computer Application   Jul 2021 – Jul 2024
Microtek College of Managment and Technology
Veer Bahadur Singh Purvanchal University

Secondary High Education (CBSE)   Jun 2018 – Apr 2020
APS ADITYA VARANASI

Technologies

Frontend: JavaScript, React.js, Tailwind CSS, TypeScript, HTML, CSS

Backend: Node.js, Express.js, Socket.io, Redis, Problem Solving DSA

Tools: Git, GitHub, Redux, RTK Query, Cloudinary, Razorpay

Experience

MERN STACK WEB DEVELOPER , Code Crafter Web Solution, Lucknow   2024 – Present (6 Month)

- Developed and maintained web applications using the **MERN stack**, optimizing backend performance and improving response times by approximately **30%**.
- Refactored **80%** of the project's codebase, optimizing speed, security, and code maintainability, significantly enhancing system efficiency.
- Implemented robust authentication and security measures, reducing unauthorized access incidents by **30%**.
- Integrated real-time data synchronization using **Socket.io**, improving system communication speed by **15%**.
- Designed and deployed multiple dashboards for data visualization and analytics, improving reporting efficiency by **15%**.
- Optimized API performance by leveraging **Redis** for data caching (reducing response times by up to **40%**) and integrating **RTK Query** for efficient data fetching, reducing redundant API calls by approximately **20%**.

Projects

UCS CAB(Cab Booking)   Live Project   Source Code

- Contributed to the **admin dashboard** and **backend development** of UCS Cab, an online cab booking platform.
- Developed a role-based admin dashboard for managing cabs, drivers, and users efficiently.
- Implemented booking for four trip types: Local, One-Way, Round, and Airport, with fare calculations based on static rates or distance traveled.
- Designed a fully dynamic system where all configurations, including the rate card and packages, are managed by the admin.
- Integrated authentication and authorization to ensure secure access for different user roles.
- Optimized the backend for scalability and smooth performance.

Shanya Scans and Theranostics(Online Test and Scans Booking)   Live Project   Source Code

- **Independently developed** the complete Shanvi Pathology platform for booking medical tests online.
- Implemented a **protocol-based** booking system with a user dashboard for seamless test management.
- Designed a **role-based admin panel** to manage tests, pricing, and appointments dynamically.
- Developed an automated reporting system for **test results and status updates**.
- Integrated secure **home sample collection** booking for a smooth user experience.
- Continuously improving the platform with new features and optimizations.