Digpal Singh Mandloi

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PROFILE SUMMARY

Software Developer with 2+ years of experience in designing and developing scalable web applications using **React.js**, **Next.js**, **Node.js**, and **Express.js**. Skilled in building reusable UI components, managing complex frontend state, and architecting robust backend APIs. Proficient in **RESTful API** development, server-side logic, and integrating secure authentication mechanisms using **Auth0** and **JWT**. Delivered **20+** features across multiple projects, improving performance, reducing manual workflows, and enhancing user experience. Experienced in collaborating across frontend and backend teams to ensure seamless data flow and system reliability.

Skills

- **Frontend**: JavaScript, React.js, Next.js, GraphQL, HTML5, CSS3, Tailwind CSS, Ant Design, Shadcn UI, Material UI.
- **Backend**: Node.js, Express.js, RESTful APIs
- **Authentication & Security:** Auth0, Role-Based Access Control (RBAC)
- **Development Tools:** Git, VSCode, Webpack, Chrome DevTools
- **Other:** AWS, Performance Optimization, Code Refactoring, API Integration, Microservices.

PROFESSIONAL EXPERIENCE

Software Engineer - Inara Consultancy Services   Sep 2023 - Present
- Spearheaded full-stack development for Vodafone Ad Management System using React.js and Node.js.
- Developed modular and scalable UI components using React.js and Next.js, aligned with secure coding principles.
- Refactored legacy React codebases to improve maintainability and align with modern component architecture and best practices.
- Led development across React.js and Next.js projects, utilizing UI frameworks like Ant Design and Shadcn UI for responsive interfaces.
- Led full-stack development for **Vodafone Ad Management System** using React.js and Node.js, enhancing user-driven experience creation tools.
- Built **Vodafone's Chrome Extension** using React.js to enable live editing of UI elements, dynamically injecting scripts and supporting personalization via Adobe Target.
- Implemented secure authentication using **Auth0** and **OAuth 2.0** protocols, enabling RBAC across multi-organization environments.
- Collaborated with **backend teams** to streamline data flow, reducing redundant requests by **25%**.
- Enhanced UI/UX components using reusable design patterns, improving user efficiency by **35%**.

Software Engineer – Creative Encode Technologies   April 2023 – Sep 2023
- Built and maintained UI components using **React.js and Next.js**.
- Developed an **admin panel with Next.js**, improving dashboard navigation and performance.
- Created a **React Native Quiz App**, enhancing mobile user engagement.
- Collaborated with cross-functional teams to optimize **state management**, reducing unnecessary re-renders and improving render efficiency by 20%.
- Implemented **form input validation** strategies to mitigate **XSS** and **XSRF** vulnerabilities in key user-facing modules.

PROJECTS

Vodafone Ad Management System
- Developed a **scalable template management system** that enables users to create experiences and offers efficiently.
- Optimized management of large datasets using **AG Grid**, improving data visualization efficiency by **40%.**
- Integrated **Auth0-based authentication**, allowing role-based access to multiple organizations.
- Reduced API calls by **20%** using optimized data fetching techniques.
- Improved user efficiency by **35%** by implementing a more intuitive UI/UX experience.

Vodafone Chrome Extension
- Designed and implemented a **Chrome extension** that enables real-time experience editing on live websites.
- Users can **inject and modify scripts dynamically**, previewing changes instantly for enhanced experience creation.
- Integrated **Adobe Target APIs**, allowing users to personalize experiences dynamically.
- Reduced template modification time by **40%**, improving efficiency.

- Implemented a **script retrieval system from APIs**, ensuring live updates without manual intervention.
- Enhanced the user interface with dynamic component rendering, leading to **50%** faster editing experience.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, Madhya Pradesh, India
Bachelor of Engineering

ACHIEVEMENTS

- Awarded **Top Performer** at Inara Consultancy Services for delivering high-quality software solutions.
- Recognized for reducing frontend development time by **30%** through optimized component reusability.