MAYANK SOMANI

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SUMMARY

Highly motivated Full Stack Developer with 3+ years of experience specializing in building dynamic, high-performance web applications using ReactJS, NodeJS, and Next.js. Proven expertise in MongoDB for flexible data modeling and robust API creation. Ability to integrate AI/Automation tools (Retell AI, make.com) to drive project efficiency and deliver innovative solutions. Passionate about leveraging technical expertise to develop optimized, effective, and user-centric digital solutions that enhance user experience and drive innovation.

SKILLS

- **Programming Languages & Frameworks:** JavaScript (ES6+), TypeScript (Basic), HTML5, CSS3, React.js (Hooks, Redux, Context API), Node.js, Next.js, Meteor.js, Material UI, Tailwind CSS.
- **Performance & Optimization:** Code Splitting, Lazy Loading, useMemo, useCallback, Webpack Optimization.
- **AI & Automation:** Retell AI, make.com (Advanced Certified), Sora AI (Generative Video), Softr.io, Napkin.io (Documentation).
- **API Integration:** Strong proficiency in developing and integrating RESTful APIs (Frontend-Backend integration).
- **Version Control & Methodologies:** Proficient in Git/GitHub; experienced with Agile methodologies.

WORK EXPERIENCE

Deligence Technologies | Senior Software Engineer　　　　　　　　　**March 2023 - Present**
PlayFactile

- PlayFactile.com Overview: A free learning platform enabling teachers to create engaging jeopardy-style quiz games for both remote and in-person classrooms, enhancing student interaction and learning (100% focused on education).
- Game Types Supported: The platform offers various game types, including Jeopardy (40%), Multiple Choice (30%), and Memory (30%), designed to assess and reinforce students' understanding of new topics or concepts.
- Architected and implemented centralized, predictable, and efficient state management by integrating Redux with modern React Hooks, enhancing application stability and scalability.
- Developed a user-friendly Jeopardy game template that simplifies content creation for educators, enabling interactive and fun learning experiences.
- Contributed as a front-end developer on a major platform release, significantly enhancing functionality and improving the overall user experience of the educational quiz platform.

Pre-Clinical Assessment Program - https://patients.dr-bertagnoli.com/

- Led the full-stack development of a critical Pre-Clinical Assessment Program, utilizing Node.js and MongoDB for efficient data management and a secure back-end infrastructure.
- Enhanced imaging capabilities by working with medical image formats (e.g., DICOM) and leveraging libraries like OHIF Viewer and Orthanc Server.
- Ensured regulatory compliance and seamless data exchange by successfully integrating the system with PACS and adhering to HIPAA standards.
- Guaranteed data integrity and security throughout the program lifecycle, ensuring alignment with strict industry standards.

ReadyBytes | Web developer Intern　　　　　　　　　**April 2022 - October 2022**

- Developed responsive and modern user interfaces utilizing HTML, CSS, and JavaScript.
- Reduced development time by 20% across multiple projects by developing a reusable React component library, leading to significant efficiency gains.

EDUCATION　　　　　　　　　**2019 - 2023**

Bachelor's of Technology in Information Technology
MLV Textile And Engineering College, Bhilwara (Affiliated with Rajasthan Technical University)
CGPA: 8.6