SAI SUBRAHMANYAM MAHADASA

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Frontend Developer | React.JS Developer | Senior Web Applications Developer

Frontend Developer with **2.5 years of experience**, boosting application performance by up to **30%** and reducing load times by **20%**. Extensive background in collaborating with global teams to deliver responsive, scalable, and secure web applications in healthcare, and cryptocurrency, driving improvement initiatives that saved organizations time and resources.

PROFESSIONAL EXPERIENCE

FRONTEND DEVELOPER   **July 2020- Jan 2022**
Multiplier AI Solutions | Hyderabad, India

- **Designed and developed interactive, responsive UIs** using Styled Components, Tailwind CSS, and Bootstrap for healthcare clients like Apollo, ensuring a seamless user experience across various devices and platforms. This led to an increase in patient satisfaction scores and reduced customer support costs by 15%.

- **Developed and integrated secure RESTful APIs** using Express.js, Node.js, and MongoDB for patient service applications, enabling efficient data exchange and front-end integration. Implemented JWT tokens for secure user authentication and rigorous API request validation, reducing unauthorized access by 30% and saving the company from potential legal expenses related to patient data security.

- **Enhanced patient engagement** by building dynamic, user-friendly web applications using JavaScript and ReactJS, leading to increase in patient interaction and a 15% reduction in bounce rates, which in turn increased patient retention and improved revenue by 10% for healthcare clients.

- **Streamlined complex data interactions** by implementing Redux for state management in patient service platforms, creating a scalable architecture that supported high-traffic environments and reduced application crashes by 40%, minimizing downtime and saving the company operational costs.

- **Deployed and optimized healthcare web applications** using cloud services such as AWS, Heroku, and Netlify, improving performance and scalability. Achieved a 35% reduction in deployment time and a 20% boost in page load speed, reducing infrastructure costs by 20% and improving the efficiency of patient services.

- **Led code optimization and security implementation efforts** for healthcare clients, developing user dashboards with real-time metrics visualization using Chart.js. Ensured application security and code

efficiency, resulting in a 30% reduction in reported vulnerabilities and protecting sensitive patient data, thereby avoiding potential revenue loss due to security breaches.

FRONTEND DEVELOPER   **Feb 2022- Jan 2023**
Rapid Innovations | Noida, India

- **Led the front-end development** of secure and scalable NFT and crypto platforms like Radius Protocol and PixelPark using React.js, TypeScript, and Web3 technologies, resulting in a 30% increase in user adoption.

- **Enhanced blockchain integration** by implementing Web3JS, enabling seamless interaction with MetaMask and other wallets, which improved transaction success rates by 25%.

- **Optimized UI/UX** by delivering pixel-perfect designs based on Figma using Tailwind CSS and Next.js, increasing user satisfaction by 20% and reducing bounce rates by 15%.

- **Streamlined state management** with Redux and improved data fetching with GraphQL API, reducing data load times by 40% and enhancing the overall application performance.

- **Collaborated with cross-functional teams** to successfully deliver high-quality crypto projects on time, maintaining a 100% project delivery rate and contributing to the company's reputation for reliability in the blockchain space.

EDUCATION

Masters in Computer Science | Avila University (2023 - 2024) | CGPA **(3.5/4)**

Bachelors in Computer Science |Kakinada Institute of Engineering and Technology (2016 - 2020) | CGPA **(7.2/10)**

CERTIFICATIONS / PROFESSIONAL TRAINING

Frontend Development certificate | Coursera/Meta (2024)

TECHNOLOGICAL SKILLS

HTML5 • CSS3/SASS • JavaScript • TypeScript • React.js • Next.js • Styled Components • Tailwind CSS •

Bootstrap • Redux • Responsive Design • UI/UX Design • Jest • Webpack • Git • GitHub • API

Integrations • RESTful APIs / GraphQL API • JWT (JSON Web Tokens) • JSON/XML • WordPress • Postman

AREAS OF EXPERTISE

Proficiency in HTML/CSS • JavaScript Expertise • Experience with React.JS • Responsive and Adaptive Design • Proficiency in CSS Preprocessors (SASS, LESS) • Version Control with Git • Familiarity with Frontend Build Tools (Webpack, Babel) • State Management (Redux) • UI/UX Design Principles • Proficiency in TypeScript • API Integration (RESTful, GraphQL) • Knowledge of Testing Frameworks (Jest, Mocha) • Experience with Responsive Frameworks (Bootstrap, Tailwind CSS) • Experience with Web3.js and Blockchain Integration • Performance Optimization Techniques • Cross-Browser Development • Familiarity with Continuous Integration/Continuous Deployment (CI/CD) • Knowledge of Security Best Practices • Proficiency in Web Animation (CSS Animations, JavaScript Libraries) • Collaboration and Communication Skills

PROJECTS

SunPharma Prohance D & JR Survey Tool :

Led the development of an online customer assistance and survey platform, utilizing React.js and Bootstrap to create responsive, role-based dashboards that improved user experience and engagement. Integrated Chart.js to visually represent survey data with dynamic charts and graphs, enhancing decision-making. Implemented third-party APIs for WhatsApp assistance and automated advertising campaigns, resulting in a 25% increase in customer interaction rates. Collaborated with backend teams using Node.js and MySQL to ensure seamless data management and real-time survey analysis.

GMB DocRank AI :

Developed an AI-driven tool to enhance local search rankings for doctors, leveraging **Google My Business API** with **React.js**. Implemented **Google Sign-In** for streamlined user access and designed a pricing listing feature for transparent service offerings. Created an **admin dashboard** with advanced filters and pagination, allowing for efficient data management and analytics. Integrated **user authentication** for secure access, and optimized search visibility through keyword suggestions, contributing to a 20% improvement in local search rankings. Collaborated with backend teams using **Node.js** to ensure seamless data processing and API interactions.

PixelPark :

Developed a sophisticated NFT marketplace platform enabling users to lock, vote, verify, and claim rewards for NFT collections through seamless crypto wallet integration. Delivered a pixel-perfect UI by adhering strictly to Figma designs, enhancing user experience and engagement. Utilized **Redux** for robust state management, ensuring smooth and scalable application performance. Integrated **GraphQL APIs** for efficient data handling and implemented **Styled Components** and **TypeScript** for maintainable and type-safe code, contributing to the platform's reliability and user satisfaction.

HOBBIES AND INTERESTS

• Enjoys capturing and editing photos, focusing on the creative process and attention to detail.

• Plays chess regularly to enhance strategic thinking, patience, and problem-solving abilities.

• Volunteers actively in community service, fostering teamwork, empathy, and a sense of social responsibility.