**Avinash Potnuru**Srikakulam, India | Email: [potnuruavinash111@gmail.com](mailto:potnuruavinash111@gmail.com) | Mobile: 8919016096

**Professional Summary**  
Results-driven UI Developer with 4.4+ years of experience specializing in **React.js, Next.js, JavaScript, and TypeScript**. Adept at developing scalable, high-performance applications with expertise in **Redux Toolkit, Tailwind CSS, Material UI, and REST APIs.** Strong understanding of SSR, SSG, ISR for performance optimization. Skilled in **unit testing (Jest, React Testing Library), JWT & OAuth authentication**, and payment gateway integration **(Razorpay UPI).** Experienced in **Agile development, Git, and Jira,** ensuring smooth project delivery. Passionate about building accessible, SEO-friendly, and responsive web applications. Proficient in Web Performance Optimization**, CI/CD pipelines, API Caching, Component Reusability.**

**Skills**

* **Frontend Technologies:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3
* **State Management:** Redux Toolkit, Context API
* **UI & Styling:** Tailwind CSS, Material UI, Bootstrap, SASS/SCSS
* **Performance Optimization:** Code Splitting, Lazy Loading, Webpack, Lighthouse, CSR/SSR/SSG, Web Performance Optimization
* **API Integration:** REST API, Axios, React Query (useQuery), API Caching
* **Testing & Debugging:** Jest, React Testing Library
* **Authentication & Security:** JWT, OAuth, Social Logins (Google, Facebook)
* **Payment Gateway:** Razorpay UPI Integration
* **Version Control & Tools:** Git, GitHub, VS Code, Jira, Agile & Scrum
* **Deployment & CI/CD:** Vercel, Netlify

**Work Experience**

**React Developer**  
*Wavetronic Solutions Pvt Ltd | June 2022 – Present*

* Designed and developed high-performance SPAs using **React.js and TypeScript** with a focus on scalability and maintainability.
* Implemented **Redux Toolkit & Context API** for state management, reducing API calls and improving application responsiveness.
* Developed and maintained reusable UI components using **Tailwind CSS and Material UI**, ensuring consistency and faster development cycles.
* Integrated **Razorpay UPI** payments securely, optimizing the transaction flow with backend collaboration.
* Applied Code splitting and lazy loading to enhance page load speeds and SEO rankings.
* Collaborated with backend developers to optimize API performance and data caching strategies.

**UI Developer**  
*Advanced Infoscan Pvt Ltd | March 2020 – April 2022*

* Built responsive, interactive UI components using **React.js and Next.js**, ensuring seamless user experience.
* Designed and implemented custom component libraries with **Material UI and Tailwind CSS** to maintain design consistency.
* Integrated **REST API**s & **React Query (useQuery)** for optimized data fetching, reducing API response time by 30%.
* Implemented JWT-based authentication for secure user sessions and data protection.
* Worked with Figma & UI/UX designers to ensure pixel-perfect design implementation.
* Optimized website performance using Webpack & Lighthouse, improving load time and rendering efficiency.
* Used Git & GitHub for version control, following Agile best practices for sprint planning and feature development.

**Projects**

**E-Commerce Web App**

* **Technologies:** React.js, Next.js, Redux Toolkit, JavaScript, Tailwind CSS, Material UI
* Developed a feature-rich e-commerce platform for newborn baby products with responsive UI and optimized user experience.
* Integrated Razorpay UPI payment gateway for smooth and secure transactions.
* Implemented JWT authentication for secure login and checkout.
* Reduced page load time by 40% using code splitting and lazy loading.
* Developed dynamic product filtering and search functionality to enhance user experience.

**Activity Tracker**

* **Technologies:** React.js, Next.js, Redux, TypeScript, Tailwind CSS, Material UI, Figma
* Developed an employee activity tracking system with real-time data updates and role-based access control.
* Designed 20+ responsive pages, ensuring pixel-perfect UI from Figma designs.
* Implemented JWT authentication and Single Sign-On (SSO) for secure user access.
* Reduced API calls by 20% using optimized Redux Toolkit state management.
* Implemented data visualization features using Recharts for interactive analytics.

**Education**  
**Bachelor of Technology (B.Tech) in Mechanical Engineering**  
Sri Sivani College of Engineering, India | 2012 – 2016