Mahendra Yarrappa

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Profile

Enthusiastic and skilled **Software Developer** with 2+ years of professional experience, specializing in front-end development. Proficient in **JavaScript DOM**, **React.js**, and **Next.js (SSR)**. Known for delivering efficient, maintainable, and scalable code. Adept at leading projects and integrating third-party libraries to create user-friendly web applications.

Experience

Begalileo – Front-end Developer

May 2023 – Present | Bangalore, India

- Led the development of a **Next.js-based e-learning platform** as the sole front-end developer, driving the project from conception to deployment.
- Designed and developed the entire **frontend architecture**, implementing server-side rendering (SSR) and dynamic routing for seamless user experiences.
- Collaborated with cross-functional teams (designers, back-end developers, and product managers) to gather requirements and deliver project milestones.
- Optimized performance by implementing **lazy loading**, code splitting, and caching techniques, improving load times by 30%.
- Enhanced user engagement by integrating **Motion animations** for smooth and visually appealing interactions.
- Built **custom components** to handle complex workflows, such as real-time notifications, session management, and progress tracking for students and teachers.
- Ensured pixel-perfect UI implementation and responsiveness across devices using **Tailwind CSS** and **Sass**.

New Found Infotech – Front-end Developer

Dec 2022 – May 2023 | Bangalore, India

- Completed a six-months internship, gaining hands-on experience in **HTML**, **CSS**, **JavaScript**, and **React.js**.
- Contributed to the development of responsive and dynamic user interfaces.

Begalileo E-learning Platform
- Designed and developed a scalable **e-learning web application** using **Next.js** with a focus on dynamic content delivery and SSR.
- Implemented features for real-time class schedules, personalized dashboards, and studentteacher interactions.
- Added tools for creating questions, including multiple-choice, fill-in-the-blank, and drag-and-drop formats, allowing students to practice interactively across various question types.
- Integrated **GeoGebra** applets and other third-party libraries to create an interactive learning experience.
- Developed an **Admin Dashboard** to manage user data, class schedules, and homework submissions.
- Leveraged **REST APIs** to fetch and manage backend data efficiently, ensuring secure communication.

Education

Bachelor of Commerce (Computer Applications)
2020 | Dravidian University, Andhra Pradesh, India

Skills

Languages: HTML, CSS, JavaScript, TypeScript
Frameworks & Libraries: React.js, Redux, Next.js, jQuery, Bootstrap, Tailwind CSS, Sass, Chart.js
Technologies: JSON, AJAX, REST API, Axios, jsPDF, npm,SEO Optimization
Tools: Git, GitHub
Other: Data Structures and Algorithms (DSA)

Soft Skills

Teamwork, Time Management, Leadership, Problem Solving

Certifications

- **Front-End Developer Certification**, Achievers IT, Bangalore