Praveen Kumar Gangula

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📍 Hyderabad, India 🔗 Portfolio

🪪 Career Objective

As a distinguished MERN Stack Developer, I am devoted to architecting transformative web applications that redefine digital innovation and user engagement. With unparalleled expertise in React.js, Next.js, Node.js, Express.js, and MongoDB, I craft scalable, SEO-optimized platforms with sophisticated server-side rendering and ironclad security architectures. By leveraging TypeScript, Tailwind CSS, and cloud-native ecosystems, I deliver exquisitely responsive and accessible interfaces that captivate users across all devices. My ambition is to pioneer groundbreaking solutions, harnessing state-of-the-art technologies to drive extraordinary impact within visionary, high-performance teams.

🎓 Education

2023 Hyderabad, India	**B.Tech (ECE)** *Siddhartha Institute of Technology and Sciences* Completed Bachelor of Technology in Electronics and Communication Engineering with a CGPA of 6.93.	
2019 Hyderabad, India	**Diploma (ECE)** *Siddhartha Institute of Technology and Sciences* Completed Bachelor of Technology in Electronics and Communication Engineering with a percentage of 63.36%.	

🧠 Technical Skills

Frontend Technologies: HTML, CSS, JavaScript, TypeScript, React.js, Redux, Redux-toolkit, Next.js, ,Bootstrap, Tailwindcss, MaterialUI, Shadcn, Chakra UI, Radix UI

Backend Technologies: Node Js, Express Js

Database: MySQL, Microsoft SQL Server, MongoDB, Appwrite, Firebase Firestore

Developer Tools: VS Code, Git, Git-Hub, Postman, HoppScotch

Deployment & Hosting Platforms: Google Cloud Run, Render, Vercel, Netlify, GitHub Pages, Railway

Monitoring & Logging: Sentry, LogRocket

💼 Professional Experience

2024 – present Coimbatore, Tamil Nadu, India	**Junior Software Engineer** *Klariti Learning · Full-time*

- Working as a MERN Stack Developer to build scalable, AI-powered web applications focused on interactive learning for children.
- Developed fast, SEO-friendly, and responsive user interfaces using React.js and Next.js.
- Built secure and maintainable REST APIs using Node.js and Express.js.
- Implemented server-side rendering (SSR) and static site generation (SSG) with Next.js to improve performance and SEO.
- Managed and optimized data storage using MongoDB and Mongoose.
- Integrated AI-based APIs to create personalized learning experiences.
- Implemented authentication and authorization using JWT and bcrypt.
- Followed Agile development practices and used Git, GitHub, and CI/CD tools for version control and deployment.
- Ensured optimal application performance, accessibility, and cross-browser compatibility.

Technologies Used: React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, Tailwind CSS, Bootstrap, JavaScript, TypeScript, Git

Projects

2024/07

Advanced Web-Based LMS – Klariti Learning | React.js, Next.js, Node.js, Express.js, MongoDB, Tailwind CSS, GCP
Educational LMS Platform

- Architected and developed a web-based, production-ready LMS platform to support scalable and interactive learning for children, educators, and admins.

- Built and maintained the complete frontend and backend using the MERN stack, ensuring modular design and high performance.

- Implemented role-based access control for Admins, Teachers, and Students, enabling personalized experiences.

- Class scheduling with timezone support and Dynamic course and content management with real-time dashboards for tracking student progress, attendance, and performance.

- Live monitoring tools for admin insights and system usage with Secure authentication and authorization using JWT and bcrypt with SSR and SSG via Next.js for SEO optimization.

- Designed and deployed the platform on Google Cloud Platform (GCP), utilizing Cloud Run, Cloud Storage, and Integrated CI/CD workflows with GitHub Actions for automated deployment and continuous integration.

- Optimized for cross-browser compatibility, accessibility, and mobile responsiveness using Tailwind CSS and Bootstrap.

2024/03 – 2024/04

Horizon | Next.js, TypeScript, Appwrite, Plaid, Dwolla, Sentry, React Hook Form, Zod, TailwindCSS, Chart.js, ShadCN, Tailwind ⎘
Foreign Banking Platform

- Horizon is a banking platform that connects multiple bank accounts, providing real-time transaction insights, secure fund transfers, and a holistic financial overview.

- It enables users to track spending, categorize expenses, and manage finances efficiently through interactive data visualization and seamless bank integrations.

- Developed using Next.js for optimized performance and TypeScript for type safety and maintainability.

- Implemented ultra-secure server-side rendering (SSR) authentication with robust validations and authorization using Appwrite, ensuring user data protection.

- Integrated Plaid API for securely linking multiple bank accounts, allowing users to access financial data in one place.

- Designed a home page displaying balances, transactions, and spending categories, with pagination and filtering for easy navigation.

- Enabled secure fund transfers between users via Dwolla, ensuring compliance with financial regulations.

- Developed a user-friendly, responsive interface with TailwindCSS, ensuring a seamless experience across desktop, tablet, and mobile devices. Leveraged ShadCN for visually appealing UI components.

- Integrated Chart.js to present financial data through interactive charts, enhancing user engagement.

- Utilized React Hook Form for efficient form management and Zod for robust data validation, ensuring data integrity and reliability.

- Implemented Sentry for real-time error tracking and reporting, improving application stability.

2024/01 – 2024/02

MERN Chat App | Express, MongoDB, React, Tailwind ⎘
chatting application

- MERN Stack Chat App is a real-time messaging platform that allows users to engage in seamless communication through text and media.

- It leverages the power of the MERN stack (MongoDB, Express, React.js, and Node.js) to provide a robust and scalable solution for chatting.

- Integrated Socket.IO for real-time, bidirectional communication, allowing users to send and receive messages instantly, enhancing the user experience.

- Cloudinary is used for uploading and managing images and media files shared in chats, ensuring easy handling and fast delivery of multimedia content.

- Implemented a secure user authentication system with email and password verification, allowing users to sign up, log in, and access their chat account securely.

- Utilized Redux for state management to handle the global application state, ensuring smooth data flow across the application, such as chat history, user sessions, and messages.

- Developed the frontend with React.js, utilizing components and hooks like useState, useEffect, and useRef to manage dynamic content and optimize performance.

- Designed a user-friendly and responsive interface using Tailwind CSS, providing a clean and modern layout.

- The app offers a streamlined chat experience, where users can send messages, upload images, and receive real-time updates on the conversation.

2023/11 – 2023/12   **Touch UI │Redux-Toolkit, React, JavaScript, Bootstrap, CSS, HTML** ⬈
social media application

- Touch UI is a real-time web application inspired by Instagram (Social-media web application). It allows users to share photos, reels, short videos. It enables authorization (Sign in, Login, Password flow) for secure access. Users can create content like posts, reels, short videos and Comment & Like on each other's posts.

- Integrated Redux Toolkit for streamlined state management, Implemented React Hooks such as useState, useEffect, and useRef to optimize component functionality and facilitate dynamic data handling and Integrated Axios for efficient data fetching from RESTful APIs, ensuring real-time updates.

- Implemented intricate frontend logic and interactions using JavaScript.

- Designed user-friendly interfaces with CSS and HTML to ensure easy navigation and enhance user experience. Used structured HTML and responsive CSS to present content clearly and accessibly across platforms.

✏ Declaration

Excited to pursue growth and learning, my resume reflects my genuine abilities and aspirations. I eagerly anticipate contributing passionately to a dynamic team, where I can make a meaningful impact.

Praveen kumar Gangula
Hyderabad