Manas Ranjan Adha

Bengaluru | +91-8249244849 | manas865873@gmail.com | linkedin | github

EXPERIENCE

SDE-1 | *Nextjs, Reactjs, TypeScript, REST API* August 2024 – Present
Lean Platform Technologies *Chennai, India*
- Designed and developed secure, production grade full-stack applications using **Next.js, React.js, and Tailwind CSS** and **Node.js/Express**(backend), ensuring scalability and resilience for 10K+ monthly active users.
- Improved frontend performance by using React hooks like **useMemo and useCallback**, and introduced localStorage caching to avoid unnecessary API calls. This reduced average API load by 65% and speed up page load times by nearly 30%.
- **Enhanced backend response time by 40%** by implementing efficient **API design with pagination**, caching, and optimized ORM queries.

Associate Software Engineer | *React.Js, Nextjs, Firebase* April 2023 – Aug 2024
Lean Platform Technologies *Chennai, India*
- Launched a **fully responsive** landing page for **Greetsu**, a greeting card sharing platform with integrated card editor for easy customization, and unique link generation for seamless sharing of user-created wishes.
- Enhanced UI/UX with fully customizable layouts and dynamic component positioning and **improved page speed and optimization by 34%** by implementing **lazy loading**, reducing initial load times.
- **Collaborated with cross-functional teams**, including backend developers and UX/UI designers, to design and implement new features, optimize user workflows, and enhance platform scalability.
- Participated in code reviews, ensuring adherence to best practices and maintainable code quality with collaborative approach.

PROJECTS

QLearn – Learning Management Platform | *Next.js, Redux, Tailwind CSS, MongoDB* Jan 2023
- Built a full-featured course management system using React and Node, allowing admins to create, update, and manage courses, **improving content management efficiency by 60%**.
- Reduced page load times by 32% through Next.js optimization techniques like dynamic imports and lazy loading.
- Used Redux for global state management, reducing unnecessary component re-renders and **improving performance by 28%**.

IntelliPDF - AI PDF Chat Platform | *Next.js, Tailwind CSS, Firebase, Gemini AI* Mar 2022
- Developed a full-stack platform enabling users to upload and chat with PDFs using Gemini AI, increasing document comprehension efficiency by 65%.
- Achieved page speed optimization by 30% using lazy loading, route-based code splitting, and minimal dependency usage.
- Leveraged Firebase Firestore for storing chat history and maintaining persistent sessions across devices.
- Implemented responsive UI and enhanced UX with an intuitive chat interface, increasing session duration by 35%..

EDUCATION

Indian Institute of Information Technology, Allahabad Prayagraj, India
Bachelor of Technology in Information Technology *Aug 2016 – Jun 2020*

Prayas Junior College, Sundargarh Odisha, India
*Science | **Percentage: 84%*** *Apr 2013 – Jun 2015*

TECHNICAL SKILLS

Frontend: Next.js, Vue.js, Angular, React, JavaScript (ES6), Ajax, TypeScript, HTML, CSS, Tailwind CSS, Redux, Zustand, Context API, Webpack, Axios, Responsive Design,dom interaction, Cross-Browser Compatibility
Backend: Node.js, Express.js, FastAPI, Java Spring Boot, Strapi CMS
Databases/ORM: PostgreSQL, MongoDB, Prisma, Mongoose
Tools: Git, GitHub, NPM, Docker, VS Code, Postman, Figma, Nginx
Testing: Jest, Cypress, Mocha, Unit Testing, Automated Testing Frameworks
Miscellaneous: RESTful APIs, JWT Auth, OAuth 2.0, Agile, Cloud, Code Reviews, API Integration, Web Performance Optimization, problem solving