Manas Ranjan Adha

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EXPERIENCE

SDE-1 | *Nextjs, Reactjs, TypeScript, REST API*   August 2024 – June 2025
Lean Platform Technologies   *Chennai, India*

- Designed and developed secure, production grade full-stack applications using **React.js**(frontend) 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%.
- Built and consumed RESTful APIs, integrating authentication/authorization flows using OAuth 2.0, JWT, and implemented RBAC policies
- **Enhanced backend response time by 40%** by implementing efficient **API design with pagination**, caching, and optimized ORM queries.

Associate Software Engineer | *Reactjs, 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.

PROJECTS

QLearn – Learning Management Platform | *Next.js, Redux, Tailwind CSS, MongoDB*   Jan 2025 – Present

- Built a full-featured course management system, 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 2025 – Present

- 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.
- Designed a custom chat interface with real-time messaging capabilities, boosting 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

Languages: Java, Python, JavaScript, C/C++, SQL, HTML/CSS
Frameworks/Libraries: Spring Boot, FastAPI, Django, React.js, Next.js, Express.js, Redux
Databases/ORM: PostgreSQL, MongoDB, Prisma, Mongoose
Developer Tools: Git/GitHub, Docker, Google Cloud Platform, VS Code, IntelliJ
Miscellaneous: Nginx, Postman, Figma