

ASHISH RANJAN

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WORK EXPERIENCE

Mindfire Solutions | Sr Software Engineer

Dec 2023 - Present

I led the development of scalable web applications using Next.js and React, focusing on micro-frontend architecture and real-time features with SignalR. I built dynamic UIs with Material UI Joy and Tailwind CSS, integrated REST APIs, and implemented secure authentication with MS Auth and AWS Cognito. I also worked on React Native apps for iOS and Android, ensuring smooth performance. I'm dedicated to delivering responsive, high-performance solutions that meet business needs.

- **Crafted Dynamic User Interfaces:** Designed responsive, modular, and user-centric interfaces using Material UI Joy and Tailwind CSS to enhance user experiences across web applications.
- **Integrated RESTful APIs:** Leveraged React Query for efficient API integration, caching, and real-time data synchronization to improve app performance and scalability.
- **Real-Time Notifications:** Implemented SignalR for real-time updates and notifications, boosting productivity and collaboration for technical teams.
- **Role-Based Access Control:** Developed secure and flexible role-based access control systems tailored to business requirements, ensuring data integrity and user permissions.
- **Custom Functionalities:** Built dynamic components for advanced use cases, including PDF generation with barcodes and dynamic formula calculators for bill management.
- **Theme Customization:** Supported dynamic, module-specific themes, ensuring flexibility and consistency in UI design across web applications.
- **Responsive Design and Optimization:** Ensured seamless application performance across devices by adhering to best practices in responsiveness and code optimization.
- **End-to-End Mobile Development:** Upgraded React Native apps from v0.70 to v0.75, implemented Firebase Cloud Messaging (FCM) for push notifications, designed intuitive UI with React Native Paper, and deployed bug-free apps to the App Store and Play Store for iOS and Android platforms.
- **Empowered the team:** Mentored junior developers and newcomers to React.js, fostering a collaborative learning environment.

Mantra Labs | Software Engineer

Oct 2022 - Nov-2023

I spearheaded the frontend web application team, focusing on the development of scalable web applications utilizing Next.js with a micro-frontend architecture and React integrated with Redux Toolkit. Moreover, I played a significant role in contributing to React Native projects designed for both iOS and Android platforms.

- Improved front-end performance, resolving bottlenecks for faster loading times.
- Documented the codebase for maintainability and participated in code reviews.
- Supported the cloud team and contributed to system architecture design with guidance from a solution architect.
- Familiar with Nginx and PM2 for server management.
- Used Git, GitHub, and GitLab for version control.
- Mentored interns and collaborated with designers and backend engineers.
- Ensured high-quality deliverables and optimized performance across platforms.
- Stayed updated with the latest web technologies and industry trends.

Our platforms served over 1,000 users daily, highlighting their robustness and user appeal.

Tata Consultancy Services | Assistant System engineer

June 2021 - Oct-2022

- Experience with React Ecosystem (React Router, Styled-components, Server-side rendering, Context)
- API, React Hooks, DOM and Virtual DOM as well as Shadow DOM)
- Experienced as a User Interface Developer in developing applications using HTML/HTML5, CSS/CSS3, and Various JavaScript Frameworks.
- Developed and maintained web applications using React JS
- Implemented responsive design to ensure optimal user experience on different devices
- Built and maintained RESTful APIs using Node JS, Express, and MongoDB
- Proficient understanding of code versioning tool GIT.

INTERNSHIP

IIT-Patna | React Developer

June 2019 - Aug 2019

- Led the development of the Online R&D Portal using React JS as the frontend and SQL as the database
- Developed and curated the web-based interfaces used by thousands of IITians on a daily basis
- Worked closely with the R&D department to understand their requirements and delivered a high-quality solution

SKILLS

Frontend Technologies

- React.js
- Next.js
- React Native
- Typescript
- Tailwind CSS
- Material UI

Backend Technologies

- Node.js
- Nest.js
- Postgres
- Redis
- REST
- Swagger API

Cloud and Storage

- AWS S3
- Azure Blob Storage

Authentication & Security

- AWS Cognito
- MS-Auth
- Next-Auth

Version Control and Project Management

- GitHub
- GitLab
- Jira
- Clickup

Push Notifications

- FCM (Firebase Cloud Messaging)
- SignalR

EDUCATION

Gandhi Institute for Technology, Bhubaneswar

2017 - 2021

Bachelor of Technology in Computer Science & Engineering

8.15/10 CGPA

L.S.T College (BSEB)

2015 - 2017

Higher Secondary Education

57.50%

S.D.P.S (CBSE)

2015

Secondary Education

8.40/10 CGPA