Binaya Kumar Ray

 LinkedIn | +91 8917329099 | binaya.ray99@gmail.com | GitHub

Skills

- **Frontend**: **React.js**, **Next.js**, **Redux**, **JavaScript**, **TypeScript**, **HTML**, **CSS**, **Material UI**, **Bootstrap**, **Tailwind CSS**. Experience in user-friendly interfaces and implementing modern front-end architectures.
- **Backend:** **PHP**, **Node.js**, Express.js. Skilled in building scalable server-side applications and **RESTful APIs.**

Experience

System Engineer	TCS	Bhubaneswar, Odisha, India 02/2025 - Current

- **Apple Inc**: **Working as a frontend React.js developer**

Web Developer	Smartters Software	Bhubaneswar, Odisha, India 09/2022 – 02/2025

- **Binimise**: **Multi area waste management system**
    - Developed a comprehensive waste management system covering multiple areas for efficient waste, staff, supervisor, location, and vehicle management using **Next.js**, **MUI**, **Authentication**, and **API Integration**, leading to a 30% increase in efficiency.
    - Designed and implemented a **Next.js** web application with robust authentication, managing full-stack development including page design, functionality, and API calls, resulting in enhanced security and user satisfaction.
    - Used **React Google Map** to implement routing, live tracking and search location. Also used geofencing of google map to implement area boundaries.

- **Enfix**: **Amusement park management system**
    - Designed and implemented an amusement park management system using **Next.js** and **Redux** for state management and robust authentication, overseeing full-stack development, page design, functionality, and **API calls**, leading to a 50% increase in positive feedback.
    - Led a cross-functional team to improve customer satisfaction, achieving a 50% increase in positive feedback and a 20% reduction in complaints.
    - **Used React Google Map** to implement geofencing for boundaries of the area.

- **Ijzersterk-tekenwerk**: **Project management system for AutoCAD designs**
    - Developed a project management system for **AutoCAD** designs using **Next.js** with **Redux** for state management and API calls, utilizing **Material-UI** for page design, implementing core functionality, and handling **API integration**, resulting in a 25% improvement in performance.
    - Developed and deployed a web application update, achieving a 30% reduction in system errors and a 25% improvements in application performance.

Junior Technical Programmer	Hyscaler	Bhubaneswar, Odisha, India 12/2021 – 08/2022

- **Artisen IVF:** **Cloud-based EMR & Fertility Record**
    - Developed a cloud-based EMR and practice management system for fertility clinic using **PHP**. MySQL, JavaScript and EXR.JS, improving scheduling, billing and reporting.

React Js Developer Intern	Smartters Software	Bhubaneswar, Odisha, India 02/2021 - 04/2021

- Built interactive and responsive UI components using React.js.
- Collaborated with the design team to implement user-friendly interfaces.

Flutter Intern	Redik Grad	Bhubaneswar, Odisha, India 06/2019 - 07/2019

- Developed a blogging app using **Flutter** and **Android Studio**.
- Assisted in troubleshooting and testing the application for performance and usability.

Education

Bachelor of Technology	Government College of Engineering	Keonjhar, Odisha, India	08/2017 - 06/2021

- Computer Science and Engineering

+2 Science	JITM	Balangir, Odisha, India	08/2015 - 05/2017

- Computer Science and Engineering