

ANIRBAN PAIRA

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91-7061433171

WORK EXPERIENCE

Associate Consultant - LectureNotes pvt. Ltd. (April 2023 - present)

- Developed and maintained full-stack web applications using React, NextJS, NodeJS and MongoDB, contributing to a seamless user experience across platforms.
- Integrated RESTful APIs with frontend React components and managed backend services using node.js, reducing response time by 25% and enhancing data retrieval efficiency.
- Implemented state management using Redux and optimized application performance through code-splitting, lazy loading and caching strategies.
- Designed and developed a real-time collaboration feature using Socket.io, facilitating better user interactions on educational platforms.
- coordinated with UI/UX designers to deliver mobile-first, responsive interfaces that improved user engagement metrics by 30%.
- Conducted code reviews, promoting best practices in JavaScript, React and NodeJs.

EXPERIENCE SUMMARY

- **1.5+ years** of professional experience as a Full Stack Developer, proficient in both frontend and backend development.
- Expertise in building dynamic, responsive web and mobile applications using **React.js**, **React Native**, and **Next.js**.
- Strong backend development skills using **Node.js**, with experience in creating scalable RESTful APIs and managing databases with **MongoDB**.
- Experience in integrating third-party APIs and working with real-time data using technologies like **Socket.io**.
- Proficient in developing cross-platform mobile applications, contributing to performance optimization and improving user experience.
- Adept at collaborating in Agile teams, using tools like **Zentao** and version control with **Git**, delivering high-quality code in fast-paced environments.
- Skilled in debugging, testing, and optimizing applications, with a focus on maintaining high performance and reducing load times.

EDUCATION

Bachelor of Engineering (Computer Science) (2019-2023) – Scored **9.03 CGPA**, Dhaneswar Rath Institute of Engineering and Management Studies, DRIEMS University, Odisha.

TRAINING, CERTIFICATION & AWARDS

- **Earned HTML Essential Training Certificate** from LinkedIn Learning, showcasing proficiency in core web development concepts and best practices.

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- **Completed Web Development Certification** from The Digital Adda, strengthening knowledge in frontend and backend technologies.
- Participated in the **Pre-Conference Tutorial** of the **2nd International Conference on Machine Learning, Internet of Things, and Big Data (ICMIB-2021)**, gaining insights into emerging technologies and their applications.

TECHNICAL SKILLS

| Domain / Tool / Technology | Proficiency Level |
|----------------------------|---|
| Programming Languages | Java, TypeScript, JavaScript |
| Web Technologies | HTML5, CSS3, React.js, Next.js, Node.js |
| Libraries | Redux, Axios |
| Mobile Technologies | React-Native |
| Operating Systems | Linux, Windows |
| Database | MySQL, MongoDB |
| IDE | Visual Studio Code, Android Studio |
| others | REST APIs |

ENGAGEMENT SUMMARY

Project# 5

Mar 2021 – Till date

Project Name : Integrated Training & Learning Management System (ITLMS)
Technologies : React Native, React, Redux, JavaScript, ExpressJS, VS Code, REST, Git
Role : Junior Developer
Team Size : 10

Description: The LMS platform streamlines online education with features like user sign-in, course management, assignments, live lectures, and learning progress tracking. Key features include subscription management, discount coupons, certificate downloads, and tools for creating quizzes, assignments, and virtual classrooms. Accessibility options like font adjustments, zoom, and contrast settings enhance usability.

Responsibilities:

- **Classroom Management:** Developed and optimized virtual classroom features for organized learning.
- **Quiz & Assignment Creation:** Built features for creating quizzes and assignments, allowing instructors to assess student performance. Developed submission and grading workflows to streamline the assessment process.
- **Subscription Management:** Enhanced subscription features and integrated discount coupons for promotions.

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- Bug Fixing: and the subscription completion cycle, ensuring smooth transitions between course enrollment, subscription renewals.
- Code Review: Ensured code quality and performance through comprehensive reviews.

Project# 4

Dec 2020 – Till date

Project Name : Classroom
Technologies : NodeJs, FeathersJs, MongoDB, kafka
Role : Junior Developer
Team Size : 9

Description: Developed a full-featured online classroom solution using FeathersJS, Kafka, Redis, MongoDB, React.js, and Next.js. The platform allows classes to be conducted with features like assignments, class tests, and study materials. The system also integrates AI-based functionalities, including content generation based on the syllabus and translation of the generated content into multiple Indic languages.

Responsibilities:

- API Creation: Designed and implemented RESTful APIs for managing classrooms, assignments, class tests, and materials, ensuring seamless interaction between frontend and backend.
- Message Integration: Integrated Kafka for real-time messaging and event-driven communication across various components.
- Bug Fixing: Identified and resolved critical bugs in data handling, real-time updates, and classroom interactions to ensure smooth user experience.
- Code Review: Conducted thorough code reviews to maintain code quality, ensure adherence to best practices, and optimize performance.

Project# 3

Feb 2023 - May 2023

Project Name : WNDR Gaming PPlatform
Technologies : Next js, JavaScript, ExpressJS, MongoDB, Node JS, Redis, Kafka, VS Code, REST, Git
Role : Junior Developer
Team Size : 8

Description: WNDR is an innovative gaming social media application that integrates gaming, social interaction, and digital asset management. It allows users to play games with friends, earn coins, and collect NFTs as rewards. The platform includes an NFT marketplace for buying, selling, and trading digital collectibles, along with social features that let users connect, share gaming achievements, and engage with a community of gamers. WNDR creates a dynamic environment for gamers to enjoy interactive experiences and manage their digital assets.

Responsibilities:

- Developed a clean, responsive user interface that closely matched designs from **Figma**, ensuring a seamless and intuitive user experience across devices.

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- Built **CRUD functionalities** (Create, Read, Update, Delete) for various modules, ensuring efficient data management and integration within the application.
- Implemented features to filter the friend list based on user preferences, and designed logic for adding friends, discovering mutual friends, and recommending friends of friends.
- Worked on the backend using **Node.js**, optimizing server-side operations for performance and scalability.
- Help fix complicated bugs that the team was not able to handle and R&D.

Project# 2

Feb 2023 - March 2023

Project Name : Bizi edge
Technologies : React Native, Redux, JavaScript, ExpressJs, MongoDB, Vs Code, expo
Role : Junior Developer
Team Size : 6

Description: BIZI EDGE is a comprehensive franchisee management and ERP solution developed in-house to manage franchises. The platform includes modules for **Inventory Management**, **ERP**, **Product Management**, and **Logistics Management**. It is designed to be accessible across **Web**, **Android**, and **iOS** operating systems, providing a seamless experience for managing various business operations within a franchise.

Responsibilities:

- **UI/UX Development:** Created responsive and user-friendly interfaces for the web and mobile applications (Android and iOS), ensuring a seamless experience across platforms.
- **Inventory Management Module:** Developed and maintained the **Inventory Management** system, including product stock tracking, categorization, and real-time updates.
- **ERP Integration:** Worked on integrating and customizing the **ERP** module to manage financial operations, workflows, and franchise reporting.
- **Product & Logistics Management:** Implemented features for **Product Management** (including adding, updating, and deleting products) and **Logistics Management** to streamline the delivery process.
- **API Development:** Designed and optimized **APIs** to handle data synchronization across the web and mobile platforms, ensuring efficient communication between modules.
- **Cross-Platform Support:** Ensured that the solution works smoothly across **Web**, **Android**, and **iOS**, conducting rigorous testing for performance and compatibility.

Project# 1

Oct 2022 – Nov 2022

Project Name : My Portfolio
Technologies : Next js, TypeScript, TailwindCss, Git, Github
Role : Junior Developer
Team Size : 1
Portfolio Link : <https://walking-through-anirban-portfolio.vercel.app>

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Description: Developed a fully responsive personal portfolio website to showcase professional projects, skills, and achievements. The website is designed to provide potential employers and clients with a clear understanding of your capabilities as a developer.

Responsibilities:

- **UI Design & Development:** Created a clean and responsive user interface using **Next.js** and **Tailwind CSS**, ensuring an intuitive experience for visitors.
- **Mobile & Web Responsiveness:** Ensured that the website is fully responsive, providing a seamless experience across both mobile and web platforms.
- **Deployment & Hosting:** Deployed the portfolio on **Vercel**, optimizing performance and managing the production environment.
- **Bug Fixing:** Identified and resolved bugs to improve website functionality and user experience.
- **CSS Styling with Tailwind:** Utilized **Tailwind CSS** to efficiently style components and maintain a consistent design system.