

Prayash Priyansu Beura

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EDUCATION

KIIT University

Bachelor of Technology in Computer Science : 8.92

Bhubaneswar, Odisha

2022 – Present

DAV Public School

12th CBSE Board : 92.5

Bhubaneswar, Odisha

2019 – 2021

EXPERIENCE

Freelance

Prakash Plastics

January 2025

Balasore, Odisha

- Tech Stack: React.js, Tailwind CSS, Supabase
- Developed a system to manage attendance, salaries, and overtime calculations for a company with 100 employees.
- Developed clock-in/clock-out functionality with real-time updates, reducing time discrepancies by 30 percent.
- Automated salary processing and overtime calculations, reducing manual work by 30 percent and improving payroll efficiency.

PROJECTS

CodeSync | WebRTC, Next.js, TypeScript, PostgreSQL, WebSockets, Docker, Git

February 2025 – Present

- Developing a real-time platform for collaborative video calls, enabling users to watch tutorials together and engage in shared note-taking with live cursors.
- Built a live collaborative code editor, allowing users to code together in real-time, enhancing remote teamwork and learning.
- Designed a scalable WebRTC architecture that optimizes bandwidth usage for smooth video streaming.
- Enforced robust authentication and authorization using Clerk, ensuring seamless user management and security.

Hotel Management App | React, Supabase, Git

November 2024 – December 2024

- Implemented Real-Time Dashboard which provides real-time data on occupancy rates, revenue, and overall hotel performance, enabling quick decision-making.
- Implemented Role-Based Authentication ensuring employees have access to features based on their role, enhancing security and management control.
- Designed an intuitive UI with pagination and preloading, improving data accessibility by 25 percent .
- Optimized database queries, reducing load time by 40 percent, leading to a faster and more responsive user experience.

TECHNICAL SKILLS

Languages: C, Java, Python, SQL (Postgres, MySQL), NoSQL(Mongo), JavaScript, TypeScript, HTML/CSS

Frameworks and Libraries: React.js, Next.js, Node.js, motion, Express.js, Hono.js

Developer Tools: Git, Docker

Technologies and Concepts: REST API, WebRTC, GraphQL, tRPC, WebSockets, Supabase

COURSE WORK

- Data Structures and Algorithms, Operating Systems, Computer Networking, Database Management Systems

POSITION OF RESPONSIBILITY

Tech Lead, Kamakshi Society

KIIT University

December 2024 – present

Bhubaneswar, Odisha

- Tech Stack: React.js, Tailwind CSS, Supabase
- Leading the technical vision for the society to empower people through innovative technology solutions.
- Leading a team of 10 developers in building the society's official website, ensuring effective execution and impactful results.