

Iswar Kumar Sahu

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Skills

Programming Languages: C++, Python, JavaScript, TypeScript, SQL

Libraries/Tools: ExpressJS, NextJS, ReactJS, Power BI, MS Excel, AutoCAD

Developer Tools : Git, Github, VS Code, Bootstrap, TailwindCSS

Databases: MySQL, MongoDB, Firebase

Relevant Coursework: Data Analytics, System Design, Prompt Engg.

Education

NIT Rourkela

B.tech in Mining Engineering

Graduating May 2025

CGPA: 8.13 till 6th sem

Work Experience

Mylamp.ai, kharagpur

May 2024 - July 2024

Full stack developer intern

- **Developed an ed-tech platform using Next.js**, built a responsive and user-friendly front-end with Next.js, boosting user engagement and improving learning experiences (25% increase in user satisfaction).
- **Engineered secure NextAuth authentication**, implemented secure NextAuth authentication, achieving a 98% user retention rate during onboarding while complying with data privacy regulations.
- **Utilized Prisma ORM for efficient database management**, optimized database management with Prisma ORM, reducing query response time by 30% for scalability and performance.
- **Collaborated with a cross-functional team to integrate user feedback and iterate on features**, Contributed to a robust application promoting educational accessibility and innovative learning (20% user satisfaction increase).

GirlsScript Summer of Code

May 2024 - July 2024

Contributor

- Participating in GSSoC 2024, contributing to open-source projects by developing and enhancing software solutions. Actively engaging with the developer community to collaborate, share knowledge, and implement industry best practices, resulting in optimized code quality and project efficiency.

Project Work

CollegeMart(2024):

- Established a marketplace for college students using the MERN stack (MongoDB, Express.js, React, Node.js), focusing on creating a user-friendly interface and an efficient backend to facilitate smooth transactions, optimize performance, and enhance campus connectivity.
- Implemented robust features such as real-time updates, secure payment processing, and responsive design to improve user experience and engagement.

Shopsy - a fashion app(2023):

- Engineered a React application for browsing and managing product listings, utilizing React Redux for efficient state management and Tailwind CSS for responsive, modern styling.
- Integrated APIs for seamless data fetching and implemented features like adding/removing items from the cart, enhancing functionality and ensuring an engaging user experience.

Extra Curricular Activities

- **Coderush Challenge:** Secured a rank of 85 at the college level in coding competitions, demonstrating strong analytical skills and a solid understanding of data structures and algorithms
- **Technical Coordinator at Minare:** Led a team for the Annual Cultural Fest of the Institute, where my responsibilities included creating a responsive website with a smooth user experience and loads faster.
- **Management Coordinator at Nitrustav:** led volunteers for the Annual cultural fest of the institute, successfully conducting the event and its smooth ongoing.