

# ASISH KUMAR SAHU

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## Summary

I am a Full Stack Web Developer with 1+ year of experience in building dynamic and responsive web applications using the MERN stack. Passionate about creating efficient, user-friendly solutions with a focus on performance and scalability.

## Education

**Biju Patnaik University of Technology, Odisha**

May 2023

Bachelor of Technology (CGPA: 8.15 / 10)

Rourkela, Odisha

- **Relevant Coursework:** Data Structures and Algorithms (C), Database Management Systems (DBMS), Operating Systems (OS), Computer Network (CN).

**Biju Pattnaik Institute Of Technology, Phulbani**

June 2020

Diploma In Computer Science And Engineering (Percentage: 84 / 100)

Kandhamal, Odisha

## Experience

**Universal Softech Hub**

Apr 2024 – Present

Full Stack Developer

Bangalore, Karnataka

- Implemented a **RESTful API** using **MVC architecture** with **Node.js** and **Express**, improving **API response time** by **20%** and reducing server load by **30%**
- Led a cross-functional team of **3** developers to implement a new feature using **React** and **Redux**, resulting in a **20%** increase in user engagement and a **15%** boost in daily active users within the first month of release.
- Designed and managed **MongoDB** databases, including schema creation, indexing, and query optimization, improving query performance by **40%** and reducing data retrieval times by **25%** for a high-traffic application handling over **10,000** daily active users.

## Projects

**Freelance Website** 🔄 | *React.js, Node.js, MongoDB, Express, Redux, Tailwind, Figma*

- Built with **React.js**, **Node.js**, and **MongoDB**, our platform allows clients to post freelance jobs effortlessly while freelancers place competitive bids—just like **Upwork**, **Freelancer** Website. The **MVC architecture** ensures smooth performance, and **JWT tokens** provide secure authentication for all users.
- The **Express.js** and **Node.js** backend, combined with **Mongoose models**, ensures robust data handling and scalability. Secure transactions and user data protection are guaranteed via **JWT token** authentication, making it a reliable marketplace for freelancers and businesses.
- Fast and Responsive UI Built with **Tailwind CSS** for sleek design and **Redux** for smooth state management, offering a mobile-friendly platform prototyped in **Figma** for optimal usability.

**Job Portal** 🔄 | *React.js, Node.js, Express, MongoDB, Tailwind, Figma*

- Developed a Job Portal using the **MERN stack (MongoDB, Express.js, React.js, Node.js)** with **JWT** authentication and role-based access control, ensuring secure login, authorization, and protected **API** routes.
- Implemented full **CRUD** operations for job management, enabling employers to post, edit, and delete job listings while maintaining data integrity and security through authentication and backend validation, successfully handling **1,000+** job postings.
- Designed a fully responsive and mobile-friendly **UI** using **Tailwind CSS**, optimizing user experience with a clean, modern layout and ensuring cross-device compatibility for seamless navigation.

**Streaming Platform** 🔄 | *React.js, Tailwind, Figma*

- Integrated the **TMDB API** for dynamic data fetching and background updates, ensuring real-time information on the latest movie releases.
- Enhanced the user experience by creating a fully responsive and visually engaging UI using **Material-UI** and **CSS-in-JS**, optimized for all device types. Deployed the app on **Vercel**, achieving an average load time reduction of **25%**

## Technical Skills

**Frontend:** HTML, CSS, JavaScript, React.js, Redux, Next.js, TypeScript, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs, TypeScript, Redis, WebSocket, AWS (EC2, S3)

**Database:** MongoDB, Mongoose, NoSQL

**WebDev Tools:** Docker, Git, GitHub, CI/CD, Postman, VS Code, Chrome DevTools, Figma, Vercel, MongoDB Atlas

## Certificates

**Node.js** - ProCodrr, **Next.js** - ProCodrr