

Chintamani Chourase

Location: Singrauli, Madhya Pradesh, India

[LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Codechef](#) | [Codeforces](#) | [Hackerrank](#)

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ABOUT ME

I'm a passionate software developer with skills in both front-end and back-end technologies. I love learning new things and believe in creating ethical tech solutions. I'm dedicated to making a positive impact through teamwork and innovation!

TECHNICAL SKILLS

Concepts	: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming (OOPS)
Languages	: JavaScript, HTML, CSS, Python, C++, C
Frameworks	: React.js, Node.js, Express, Bootstrap, Django
Libraries	: React Router, Auth0, ReactDOM
Databases	: MongoDB, MySQL

EDUCATION

Indian Institute of Information Technology Agartala
Bachelor of Science in Computer Science

Agartala, Tripura, India
2022-2025

St. Joseph's School
Secondary School and Higher Secondary School

Shaktinagar, Uttar Pradesh, India
2016-2022

EXPERIENCE

Bhabha Atomic Research Centre
November 27, 2023 to Jan 5, 2024

React.js, HTML, CSS, JavaScript, Django, SQLite

- Spearheaded the design and development of a robust video streaming platform, empowering users to log in, watch, upload, and like videos for significantly boosting user engagement and content accessibility.
- Engineered a secure JWT authentication system for user login and session management, enhancing user security and reducing unauthorized access attempts by 100 percent.
- Designed and built a user-friendly front-end using React, which significantly enhanced the app's speed and responsiveness, resulting in a smoother and more efficient user experience.

PROJECTS

MERN Stack Blog Web App Development

MongoDB, Node, React, Express, Git

[Source Code](#)

- Implemented secure user authentication and authorization with JSON Web Tokens (JWT), providing secure login, session management, and role-based access control.
- Optimized backend API performance by refining database queries, implementing indexing, and integrating caching, greatly reducing response times.
- Designed a responsive, intuitive UI that enhanced user engagement across desktops, tablets, and mobile devices, delivering a seamless and visually appealing experience.

Movie Picker Web Application

React.js, HTML, CSS, JavaScript, Git, Vercel

[Source Code](#)

- Enhanced the platform's interface by integrating the OMDb API, providing users with a seamless and intuitive experience to access comprehensive movie information effortlessly.
- Implemented responsive design techniques to ensure seamless user experience across all devices.

Personal Portfolio Website

HTML, JavaScript, CSS, Git, Vercel

[Source Code](#)

- Crafted a professional portfolio website using HTML, CSS, and JavaScript to showcase my front-end development skills.
- Integrated Formspree to enable email communication directly from the website, enhancing user engagement.
- Deployed the website on Vercel, ensuring reliable hosting and fast load times.

ACHIEVEMENTS AND CERTIFICATIONS

- Solved 120+ DSA problems on [LeetCode](#), mastering arrays, trees, graphs, and heaps. Applied advanced strategies like greedy approaches and optimization techniques, with a strong focus on time and space efficiency, continually refining problem-solving skills.
- Earned multiple certificates on HackerRank by demonstrating coding prowess in various challenges which can be seen by clicking [here](#).