

Sourav Mahato

Full Stack Developer

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[Portfolio](#) • [GitHub](#) • [LinkedIn](#) • [Blog](#) • [Dev.to](#)

SUMMARY

Full Stack Developer with practical experience in the JavaScript ecosystem, passionate about building practical and efficient web applications. Skilled in developing responsive UI and secure backend APIs through hands-on projects. Built Dancely, a video-sharing platform, using Node.js, Next.js, MongoDB, and TypeScript, implementing structured REST APIs, secure authentication, and a responsive frontend. A self-driven, collaborative developer eager to contribute clean, scalable code and grow in a product-development environment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Backend: Node.js, Express.js, RESTful API Design, MongoDB, Mongoose, Aggregation Pipelines, PostgreSQL, Zod, JWT, Swagger, Postman, Appwrite, Cloudinary

Frontend: HTML, CSS, React.js, Next.js, Redux Toolkit, TanStack Query, Tailwind CSS, Shadcn UI

Tools & Platforms: Git, GitHub, Docker, Linux, AWS, Vercel

PROJECTS

Dancely — Video Sharing & Community Platform for Dancers

[dancely.in](#) • [Docs](#) • [API Docs](#) • [Backend](#) • [Frontend](#)

A high-performance video streaming platform with social networking — users discover, upload, and share dance videos while engaging through likes, comments, follows, playlists, and community posts.

- **Custom Authentication:** Implemented a secure auth flow using JWT with automated access/refresh token rotation and email verification/password resets via Resend APIs.
- **Scalable Backend:** Developed a structured RESTful API using TypeScript and Express following a clean architecture with global error handling and Zod validation.
- **Database Design:** Designed a relational database schema following ERD principles; used MongoDB Aggregation pipelines for complex queries and data filtering.
- **Media Management:** Integrated Cloudinary for cloud-based media storage, ensuring secure video streaming and optimized asset management.
- **Interactive UI:** Built a responsive Next.js frontend with Shadcn UI, leveraging TanStack Query for server state management and Optimistic UI patterns.
- **SEO & PWA:** Optimized for search engines by implementing sitemap, crawler configuration, and Open Graph metadata; added PWA manifest for web app installation and improved discoverability.

EDUCATION

Bachelor of Computer Applications (BCA)

Indira Gandhi National Open University

Jul 2023 – Present

Bachelor of Arts, English Literature

Jagannath Kishore College

Jun 2019 – Jun 2022

CERTIFICATIONS

- [Fundamentals of Red Hat Enterprise Linux](#)
- [Fundamentals of Computer Networking](#)