

# Sourav Mahato

## Full Stack Developer

India

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### PROFESSIONAL SUMMARY

Full-Stack Developer with a solid foundation in the Javascript ecosystem, passionate about building practical and efficient web applications. Skilled in developing responsive user interfaces and secure backend APIs through hands-on projects. A self-driven learner and Linux enthusiast with a growth mindset, eager to collaborate, continuously explore new technologies, and contribute to impactful product development.

### SKILLS

**Languages:** TypeScript, JavaScript

**Backend:** Node.js, Express, REST APIs, JWT, Zod, Swagger

**Databases:** MongoDB, Mongoose, PostgreSQL

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

**Tools & Platforms:** Docker, Git, GitHub, Linux, Postman, AWS, Vercel, Cloudinary

**Professional:** Problem Solving, Creative Thinking, Communication, Team Collaboration

### PROJECTS

**Dancely** — Video Sharing & Community Platform for Dancers

[dancely.in](http://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, HTTP-only cookies, and email verification/password resets via Resend APIs.
- **Scalable Backend:** Developed a structured RESTful API using TypeScript and Express with modular architecture (routes, controllers, models), 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 and CDN delivery, 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 via sitemap.xml, robots.txt, and Open Graph metadata; added PWA manifest for web app installation and improved discoverability.

### EDUCATION

**Bachelor of Computer Applications (BCA)**

Jul 2023 – Present

Indira Gandhi National Open University

**Bachelor of Arts, English Literature**

Jun 2019 – Jun 2022

Jagannath Kishore College

### CERTIFICATIONS

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