

VIMAL MISHRA

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Career Objective

Enthusiastic and detail-oriented Computer Science graduate with hands-on experience in full-stack web development using the MERN stack. Passionate about building scalable web applications and AI-integrated tools.

Technical Skills

Languages: JavaScript, C++, Java, Python (basic)

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Shadcn UI

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, Mongoose

Tools & Libraries: Git, GitHub, VS Code, Postman, Socket.io, JWT, Cloudinary

Others: Google Gemini API, OTP Verification, Socket-based Chat, Google OAuth

Education

B.C.A. (Bachelor of Computer Applications)

Guru Nanak Dev University, [AMRITSAR]

2022 - 2025 | Score: 69%

12th (Science) P.S.E.B.

2022 | Score 80%

Projects

<https://github.com/Vimmishra/VIMEOS-LEARN>

AI-Powered Learning Management System Vimeos-Learn (MERN Stack)

Tech Stack: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Shadcn UI, Socket.io, Gemini API, GitHub

Key Features:

- Students can access courses, watch free preview videos, and buy full courses.
- Auto-generated course completion certificates.
- Peer connection system like LinkedIn to connect and chat in real time.
- AI quiz generator using Gemini API to generate topic-based quizzes.
- Apply discount coupons at checkout.
- Community page to share posts, like, comment, and reply.
- Student profile section with editable info (class, college, DOB, image).
- Real-time chat using Socket.io.

MVerse – MERN Stack Movie App

<https://mverse-1.onrender.com>

Tech Stack: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Shadcn UI, Socket.io, Gemini API, Cloudinary, GitHub

Key Features:

- Users can explore movies and actor details with AI-generated actor bios using Gemini API.
- Admins can add movies and actors; images are uploaded and managed via Cloudinary.
- Authenticated users can write, edit, and delete reviews with star ratings.
- Real-time **Watch Party** feature to watch movies with friends in sync.
- Built-in **live chat** within Watch Party rooms using Socket.io.
- Role-based dashboard (Admin/User) with protected routes.
- Dynamic image handling with Gemini fallback and Cloudinary upload.
- Clean and responsive UI using Tailwind CSS and Shadcn UI components.

MERN-Based Citizen Complaint Management System | [[JanNyaya](#)]

- **Overview:** Developed a citizen grievance redressal system using the MERN stack to enhance transparency and administrative efficiency.
- **Key Features:**
 - Citizen registration and complaint submission (with images/videos).
 - Real-time status tracking: Pending → In Progress → Resolved.
 - Officer and admin dashboards with analytics and automated notifications.
 - Performance-based incentive module for employees based on citizen feedback and resolution speed.
- **Impact:** Reduced manual tracking, improved complaint resolution time, and enhanced citizen satisfaction.
- **Tech Stack:** MongoDB, Express.js, React.js, Node.js, Axios, JWT authentication, Socket.io.

Open-Source Contributions:

Thinkify Repository <https://github.com/masum184e/thinkify/pull/4>

- Implemented Dark Mode Toggle using React state and MUI's @mui/system, enhancing UI/UX accessibility.
- Added Authentication-based Navbar: Navbar dynamically updates based on user login status (shows "Logged In" when user is authenticated).
- Contributed via pull requests and collaborated using Git and GitHub.

Certifications

Full stack Web Development (MERN) – (Apna College)

Strengths

- Quick learner with strong problem-solving skills
- Passionate about continuous learning and development