

Jayendra Singh Nayal

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PROFESSIONAL SUMMARY

AI-assisted **Full Stack Web Developer** and B.Tech CSE student experienced in building responsive web applications, dashboards, backend APIs, and AI-powered features. Comfortable with **React, Next.js, Node.js, MongoDB, PostgreSQL, Prisma, REST APIs, and Git/GitHub**. Strong problem-solving ability and hands-on experience building complete applications independently.

SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS

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

Database & ORM: MongoDB, PostgreSQL, Prisma ORM

Tools & AI: Git/GitHub, AI-assisted development, LLM/API integration

EDUCATION

Birla Institute of Applied Sciences, Bhimtal — B.Tech in Computer Science Engineering (In progress)

Maharishi Vidya Mandir, Almora — Completed 12th (Science)

PROJECTS

1. Gyanam — AI-Powered Learning Platform

A full-stack learning platform built to provide students with study resources, practice, AI-powered quizzes, descriptive assessments, and performance analysis.

- **AI Quiz Generator:** Generates both **objective/MCQ** and **descriptive/subjective** questions with configurable quiz flow.
- **Assessment & Analysis:** Provides results, score/accuracy, progress, question-wise breakdown, and an analysis page for students to evaluate performance.
- **Learning Features:** Study Notes, Courses, Practice Tests, Practice Arena, Descriptive Papers, Ask Doubt, and subscription management.

Tech: Next.js (App Router), React.js, Tailwind CSS, Node.js, REST APIs, Git/GitHub

2. AI Reel Edit Suggestor

Built an AI-powered tool that suggests improvements for social media reels. Uses a **local LLM** to provide creator-focused recommendations.

- Suggests improvements for **edits, thumbnails, titles, hashtags, and audio**.
- Designed to help creators optimize reels for better engagement.

3. College Complaint Web App

Complaint submission system with user forms, admin view, and database storage. **Tech:** React, Node.js, MongoDB.

STRENGTHS

- Quick learner with AI-assisted development
- Strong frontend/backend fundamentals
- Independent application development
- Debugging & problem-solving
- Consistent team member

INTERESTS & LANGUAGES

Interests: Web Development, AI Integration, Cybersecurity Basics **Languages:** Hindi (Fluent), English (Basic)