

SAMBHAV MISHRA

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SUMMARY

Aspiring AI Engineer and Full Stack Developer pursuing a B.Tech in Data Science and Artificial Intelligence at IIIT Dharwad. Skilled in Python, C++, SQL, and the MERN stack, with hands-on experience in AI-driven applications and scalable web development. Solved 650+ DSA problems on LeetCode and passionate about creating impactful, data-driven solutions.

EXPERIENCE

Technical Experience — Full Stack Developer

IIIT Dharwad (Project Work)

January 2024 - Present

- Delivered **multiple production-style web apps** using **MERN/EJS**, integrating APIs like **Gemini LLM**, **Google Maps**, and **Cloudinary**.
- Automated **project reporting and logging** via Node.js scripts, reducing deployment errors by ~25%.
- Collaborated on GitHub for version control, reviews, and CI workflows, improving code integration speed.

Leadership & Extracurriculars

Indian Institute of Information Technology, Dharwad

January 2023 - Present, Karnataka

- **Co-Lead, Event Management Club**: Organized **Sangeet 3.0** and other major campus events with **700+ attendees**; led a **20-member team** and managed vendor coordination and logistics.
- **Core Vocalist, Music Club**: Performed at **institute-level and inter-college events**; contributed to event planning, stage management, and promotional activities.
- **Sports Captain (JNV)**: Directed team logistics and coordinated major school functions, including **Teacher's Day** and **Farewell**, improving participation and event execution.

PROJECT

Restoria – Online Property Rental Platform

IIIT Dharwad • restoria.onrender.com/ • August 2025 - October 2025

- Built a full-stack MVC rental platform using **Node.js**, **Express**, **MongoDB**, **EJS** with secure authentication and role-based access.
- Implemented listing CRUD, booking workflows, and Cloudinary image hosting; optimized media loading to improve page load time by ~20%.
- Integrated booking management and calendar conflict detection handling 25+ listings and **15+** monthly bookings.
- Added review & rating system and admin dashboards for analytics (bookings, revenue, top locations).
- **Tech Stack**: Node.js, Express, MongoDB, EJS, Cloudinary, Render

Travel Planner – LLM-Based Smart Itinerary Generator

IIIT Dharwad • travel-plannar-20.vercel.app/ • January 2025 - July 2025

- Developed an AI travel planner using the **Gemini LLM API**, **Google Maps API**, and **Node.js** to generate personalized itineraries from 4 inputs such as budget, duration, past trips and companions.
- Built a **Google Auth dashboard**, trip-saving functionality, and an **interactive preference chatbot**; reduced manual itinerary creation time from hours to minutes for users.
- Integrated **live weather** and **hotel recommendations** with ratings; implemented **route mapping** for day-wise plans and estimated travel time.
- Logged user feedback and usage metrics to refine prompts and improve itinerary relevance by 30% over iterative releases.

Spotify Web Player Clone – Responsive Frontend Music Application

IIIT Dharwad • spotify-web-player-clone-eight.vercel.app/ • November 2024 - December 2024

- Implemented responsive frontend using **HTML**, **CSS**, **JavaScript** with a custom audio player supporting playlists, seek, skip, and volume controls.
- Designed state management for playlist CRUD and track navigation; ensured smooth playback across devices and browsers.
- Focused on UX — accessible controls, keyboard shortcuts, and mobile-first responsive layout, improving usability in testing with **5** users.
- Documented component structure and code patterns for easier extension and maintenance on GitHub.

EDUCATION

B.Tech in Data Science and Artificial Intelligence

Indian Institute of Information Technology, Dharwad • Karnataka • 2027 • 8.24

- **Co-Lead, Event Management Club** and **Core Vocalist, Music Club** — organized events and represented the institute in cultural programs.
- **Relevant Coursework**: Machine Learning, Artificial Intelligence, Advanced Algorithm Design, Data Structures & Algorithms, Full Stack Development, Object-Oriented Programming (OOP), Probability & Statistics, Linear Algebra

Senior Secondary Education

Jawahar Navodaya Vidyalaya, Mandla • Madhya Pradesh • 2022 • 88

- Sports captain of the school and a regional-level chess player.

CERTIFICATIONS

Full Stack Web Development

Apna College • 2025

- Gained hands-on experience in frontend and backend development using HTML, CSS, JavaScript, Node.js, Express, and MongoDB; strengthened skills for deploying data-driven and AI-integrated web applications.

SKILLS

Tools & Platforms: Git, GitHub, VS Code, Gemini LLM API, TensorFlow, Pandas, NumPy

Web Development: MERN Stack (MongoDB, Express, React, Node.js), REST APIs, EJS, Responsive Design

Database Management: MySQL, MongoDB

Tools & Platforms: Git, GitHub, VS Code, Gemini LLM API, TensorFlow, Pandas, NumPy