

SAMBHAV MISHRA

B.Tech — Data Science AI — IIIT Dharwad
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SKILLS

Languages & Programming: Python, C++, SQL, JavaScript, HTML, CSS
Web Development: MERN Stack (MongoDB, Express, React, Node.js), EJS, Git & GitHub
Data Science & ML: Machine Learning concepts, TensorFlow, Pandas, NumPy
Tools & Platforms: VS Code, Postman, Figma

EDUCATION

Indian Institute of Information Technology, Dharwad B.Tech in Data Science and Artificial Intelligence	2023 – Present Dharwad, India
Jawahar Navodaya Vidyalaya (JNV), Mandla	2016 – 2022

PROJECTS

- **Sportyfy (Spotify Clone):** Built a responsive frontend clone of Spotify using HTML, CSS, and JavaScript, featuring a custom music player UI with playlist management, song navigation, and interactive controls. Integrated modern design practices for an intuitive user experience. GitHub: [Repo Link](#).
- **AI Travel Planner:** Developed an AI-powered travel planner using the Gemini LLM API to generate personalized itineraries based on user inputs like destination, budget, number of days, and travel companions. Features include a Google-authenticated dashboard, interactive chatbot for preferences, hotel recommendations with ratings and live weather, day-wise itineraries, and Google Maps integration for routes. Users can also save and revisit previously generated trips for easy planning.
- **PlasmoScan:** Implemented a CNN-based malaria detection system using blood smear images with OpenCV and TensorFlow, achieving accurate diagnostic predictions.
- **Mental Health Predictor:** Created a predictive model to assess college students' stress levels using survey data, contributing to the RajSadhna mental health initiative.
- **AI Legal Assistant:** Developed an AI tool that scans contracts and provides legal insights using NLP, helping users identify key information and potential risks.
- **Photography Studio Navbar:** Designed a responsive and interactive sidebar navigation bar for a modern photography studio website using HTML, CSS, and Font Awesome. Features include a toggleable design, smooth transitions, and integrated social media links, making it ideal for portfolios, galleries, and event pages. Code available on GitHub: [GitHub Repository](#).
- **Wanderlust :** Developing a full-stack property rental platform using Node.js, Express, MongoDB, and EJS, replicating Airbnb features such as property listings, booking management, search and filter functionality, and user authentication. Focused on building a responsive UI and robust backend to handle bookings, reviews, and property management.
- **Workout Planner (Idea):** Conceptualized a fitness tracking and planning application to log workouts, track progress, and provide AI-based exercise recommendations.

LEADERSHIP & EXTRACURRICULARS

- Solved 600+ problems on LeetCode, focusing on Data Structures and Algorithms.
- Co-Lead, Event Club – Organized and managed college events, workshops, and student activities.
- Core Vocalist, Music Club – Performed in college concerts, and cultural events.
- Sports Captain – Led the organization of Teacher's Day, Farewell, and New Year functions.

CERTIFICATIONS

- Full Stack Web Development – Apna College (Ongoing)