

ADITYA NAIR

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EXPERIENCE

Web Developer Intern, J.R and Associates

July 4, 2022 – August 8, 2022

Borivali, Mumbai

- Developed interactive and responsive websites using HTML, CSS, JavaScript, PHP, and MySQL.
- Built dynamic web pages, handled user input, and managed backend data efficiently.
- Improved front-end design and database integration skills through real-world projects.

PROJECTS

Vagabond Inc.

Jun 2024

- A full-stack travel discovery and booking platform for campers, trekkers, and adventure seekers across India. Built using the MERN stack with a seamless, responsive UI.
- Includes detailed destination pages, interactive booking forms with real-time validations, and a secure authentication system.
- Backend supports secure user data and booking storage, along with automatic downloadable receipts.
- Highlights handpicked offbeat locations curated for nature and travel enthusiasts.

Driftlane

Jul 2025

- AI-powered adventure planner that generates personalized itineraries and recommendations based on user mood, group type, and budget.
- Frontend in Next.js (App Router) and Tailwind CSS with dark-glass UI, filters, and smooth animations.
- Backend in Flask serving ML models (TF-IDF + KNN, KMeans, RandomForest) trained on curated datasets.
- Itinerary generation via LLM (Gemini), with dynamic image fetching from Wikipedia.
- Robust fallback handling, modular API design, and adaptive filtering across devices.

Tryelle

Aug 2025

- A browser-based virtual try-on application that uses MediaPipe to let users try different clothing outfits in real time using their webcam.
- Backend in Flask serving Python ML models for key features.
- No downloads, no installations — just open the browser and try on digital outfits instantly!
- Features include live webcam pose detection, realistic overlay of digital shirts, and a responsive design with Tailwind CSS.
- Built with HTML5, CSS3 (Tailwind), JavaScript (Vanilla), MediaPipe for pose estimation, and Canvas API for rendering.

EDUCATION

2023 - 2026 Bachelor of Engineering in Data Engineering, **University of Mumbai**

GPA: 7.62

2020 - 2023 Diploma in Computer Engineering, **Maharashtra State Board of Technical Education**

Percentage: 79.87%

SKILLS

Languages: JavaScript, Dart, Python, C, R
Frameworks/Libraries: Express.js, React.js, Next.js, Node.js, Flutter, Flask, Tailwind CSS
Databases: MongoDB, Postgresql, MySQL
Operating Systems: Linux