Pratham Angdalwar

Portfolio: Pratham.app

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Professional Summary

Innovative software developer with expertise in Full Stack Development, Machine Learning, and Deep Learning. Proven track record in building end-to-end applications, specializing in web development with Next.js, Tailwind CSS, and ShadCN. Skilled in deploying machine learning models and developing data pipelines for real-world applications. Founder of a UI/UX design and development agency and a creative problem-solver committed to delivering impactful digital solutions.

Technical Skills

- **Languages**: JavaScript, Python, Solidity
- **Frontend**: React, Next.js, Tailwind CSS, ShadCN
- **Backend**: Flask, Node.js, MongoDB
- **Machine Learning**: TensorFlow, Keras, Scikit-Learn
- **APIs**: Google Gemini, Google Maps, Pexels API
- **Tools**: Git, VS Code, Jupyter Notebook
- **Specializations**: Deep Learning, Data Pipelines, Style Transfer

Projects

Artify – Image Artification Project

Link:Artify.in

Technologies: Flask, TensorFlow/Keras (VGG19), Next.js, React

- Developed an artification application that performs style transfer between images, utilizing deep learning models and a Flask backend.
- Created a responsive frontend in React with an image uploader and integrated backend APIs to allow users to generate unique artistic images.
- Designed a minimal 'About Us' page and implemented social media icons for streamlined navigation.

Briefly – Law-Focused Chatbot

Link:Briefly.in

Technologies: TensorFlow, JSON Processing, Next.js, React

- Built a legal chatbot designed to answer constitutional questions using a fine-tuned question-answering model.
- Developed a Chatbox component to process and format legal answers, structuring responses to be user-friendly and legally accurate.

Tarvlog – Travel Planning App

Link: Travlog.top

Technologies: Next.js, MongoDB, Google Gemini API, Pexels API, Google Maps API

- Created a travel application providing country information, maps, and destination images, enabling users to plan trips and receive plans via email.
- Integrated with multiple APIs to deliver real-time location data and high-quality images for comprehensive travel guidance.

Machine Learning Projects

- **Wide and Deep Learning Model**: Built a deep learning model with TensorFlow/Keras to handle both wide and deep feature sets, optimizing for multi-feature inputs.
- **Data Preprocessing Pipeline**: Designed data pipelines for geographic and numerical data analysis, using custom transformers and tools like `SimpleImputer` and `OneHotEncoder`.

Education

Bachelor of Technology

Dy Patil institute of technology, Pune| 2026