PANCHAL DHRUV

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EDUCATION

Pandit Deendayal Energy University   Gandhinagar,India
Information and Communications Technology   June-2022-August-2026

Parth Institute   Vadodara,India
Higher Secondary Education   June-2020-August-2022

SKILL SUMMARY

- **Languages** : Python, C++, HTML5, CSS, Javascript, ReactJS, UI/UX

- **Frameworks** : Pandas, Numpy, Scikit-Learn, Bootstrap, Tailwind

- **Tools** : Jupyter Notebook, Visual Studio Code, Photoshop, CorelDraw, Figma

PROJECTS

❖ **Spam Email Classifier :**

Description: Built a spam detection model to classify emails as spam or not spam using Natural Language Processing NLP techniques. Used the Naïve Bayes classifier with feature extraction methods like TFIDF and Bag of Words. Evaluated the model accuracy using precision, recall, and F1-score.

Technologies Python, Scikit-learn, NLTK, Pandas

❖ **AI Image Generator :**

Description: An AI Image Generator project that fetches images from an AI-based API (e.g., OpenAI's DALL·E) and displays them using advanced CSS techniques like grid layouts, glassmorphism, and smooth animations. The project focuses on API integration, real-time image rendering, and an interactive, responsive.

Technologies Used: HTML, CSS, Javascript

❖ **Comprehensive Admin Dashboard:**

Description: Developed a responsive and interactive dashboard using React to visualize key metrics and insights. Integrated dynamic charts, tables, and filters to enhance data representation. Utilized Redux for state management and REST APIs for real-time data fetching. Implemented a modern UI/UX with CSS and ensured responsive.

Technologies Used: React,Tailwind

CERTIFICATION

- NPTEL: Understanding Incubation and Entrepreneurship:
  Completed NPTEL certification in *Understanding Incubation and Entrepreneurship*, gaining insights into startup incubation, business models, funding strategies, and entrepreneurial ecosystems. Learned key aspects of venture creation, growth, and sustainability.

- IBM - AI Internship:
  Completed IBM AI Internship, gaining hands-on experience in machine learning, deep learning, and AI model deployment. Worked on real-world AI applications, data preprocessing, and API integrations, enhancing problem-solving and analytical skills.

LANGUAGE

- Gujarati(Native)   Hindi (Intermediate)   English(Intermediate)