Divyajeet Pala

divyajeetpala@gmail.com | https://divyajeetpala.herokuapp.com/

EDUCATION

MARWADI UNIVERSITY
B.Tech in Computer Eng. AI
2019 - 2023 | Rajkot, Gujarat
College of Engineering
Cum. GPA: 9.11 / 10.0

SNK
School
2019 | Rajkot, Gujarat
PCME percentage: 89.25%

LINKS

Portfolio: //divyajeetpala.com
Github: //divpala1
LinkedIn: // divyajeet-pala
E-mail: //divyajeetpala@gmail.com

COURSEWORK

UNDER GRADUATE
Machine Learning
Software Engineering
Block Chain
Image Processing
Human Computer Interface
Artificial Intelligence
Numerical Methods with Python
Discrete Mathematics and Graph Theory
Probability and Statistics
Matrix Algebra and Vector Calculus
Differential and Integral Calculus
Data Structures
Theory of Automata and Formal
Languages

SKILLS

PROGRAMMING
Confident
Python • C++ • React JS • Firebase
Familiar
Java • C • MySQL • Django • Flask •
HTML • CSS

HOBBIES

PAINTING
Making realistic and anime-based
portraits.
Instagram page: insta.com/heart.of.d

READING
Liking inclined towards spiritual texts and
novels.

PROJECTS

AMAZON CLONE WITH PERSONALISED RECOMMENDATIONS | ML and React JS
Deployed link: https://resume-b9540.web.app//
- Deployed a responsive amazon clone using **React JS**.
- Functionalities include signing up and signing in, product viewing, basket functionality, and order history preview.
- Integrated a **recommendation system** which provides **personalised recommendations** based on the **order history** of the user.
- Future plans: Integrate **Ethereum payment system** and make it a web3 web app.
- Tech-stack:
  - Languages: **React JS**, **Python**, HTML, CSS
  - Hosting: Firebase
  - Database: Firestore
  - Framework: Flask

MELODY GENERATOR | Deep Learning
Deployed link: https://dl-melody-generator.herokuapp.com/
- Implemented a **LSTM Neural Network** which generates a unique melody based on the given input by the user.
- Utilised **TensorFlow library** models. Achieved an accuracy of **92.23%**.
- **Key observation(s)**: Model is able to understand the underlying patterns and trends of the music, and key-concepts like tonic notes .
- Tech-stack:
  - Languages: **Python**, HTML, CSS
  - Framework: Flask
  - Models: **LSTM-RNN**

HEART DISEASE PREDICTOR | Machine Learning
Github link: https://github.com/divpala1/Heart-Disease-Predictor
- Developed a website using **Machine Learning models** in the back-end to predict the health condition of the user.
- Implements five distinct models and provides the choice to the user regarding the model to be used.
- Tech-stack:
  - Languages: **Python**, HTML, CSS
  - Framework: **Django**

CERTIFICATES

2022	Johns Hopkins University	HTML, CSS, and Javascript for Web Dev.
2022	DeepLearning.AI	Neural Networks and Deep Learning
2022	DeepLearning.AI	NLP with Classification and Vector Spaces
2022	University of Buffalo	Blockchain Basics
2020	RICE University	Python Specialization
2019	Microsoft	Microsoft Technology Associate