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Divyajeet Pala

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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

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
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

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 input given by the user.
- Used the 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

- Worked on 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
  - Models: Logistic Regression, Decision Tree Regressor, Random-forest classifier, KNC, and SVM

TRAVEL WEBSITE | React JS

- Created a responsive website using **React JS**.
- Key-concepts of React JS such as React hooks (useState and useEffect) and Routers were used.

VOICE-ASSISTANT | NLP
Github link:
https://github.com/divpala1/Jarvis-Voice-Assistant-with-Chatbot

- Programmed a neural network which implements NLP concepts to carry-out tasks given by user.
- Enables the user to perform day-to-day task(s) such as opening websites, playing music, sending email, etc. with a single command.

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
2011	Microsoft	Microsoft Technology Associate
2022	University of Buffalo	Blockchain Basics
2020	RICE University	Python Specialization
2021	VOIS	Fundamentals of AI and ML