

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

SNK

SCHOOL

2019 | Rajkot, Gujarat
PCME percentage: 89.25%

LINKS

Portfolio: [//divyajeetpala.com](https://divyajeetpala.com)
Github: [//divpala1](https://github.com/divpala1)
LinkedIn: [//divyajeet-pala](https://www.linkedin.com/in/divyajeet-pala)
E-mail: [//divyajeetpala@gmail.com](mailto:divyajeetpala@gmail.com)

COURSEWORK

UNDER GRADUATE

Machine Learning
Software Engineering
Block Chain
Image Processing
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

SKILLS

CONFIDENT

Python • C++ • AWS S3 • React JS •
Firebase

FAMILIAR

AWS EC2 • Django • Java • C • MySQL
Flask • HTML • CSS

HOBBIES

PAINTING

Making realistic and anime-based
portraits.
Instagram page: [insta.com/heart.of.d](https://www.instagram.com/heart.of.d)

READING

Liking inclined towards spiritual texts and
novels.

EXPERIENCE

VODAFONE IDEA FOUNDATION | DEEP LEARNING INTERN

June 2022 - August - 2022

- Developed a website deployed on **AWS EC2 instance** to detect three diseases namely, Covid-19, Cervical Cancer, and Cardiovascular Disease.
- Implemented a **Neural Network** for the detection of Covid-19 while storing the images in an organized manner on **AWS S3**, and Machine Learning models for Cervical Cancer and Cardiovascular Disease detection.
- Tech-exposure:
 - Languages: **Python**, HTML, CSS
 - Tags: **Amazon Web Services**, AWS EC2, AWS S3, Neural Network, Deep Learning, Image Processing, **Django**, **Convolutional Neural Network**, Machine Learning, XGBoost

PROJECT EXPERIENCE

AMAZON CLONE WITH PERSONALISED RECOMMENDATIONS | ML AND REACT JS

Deployed link: <https://resume-b9540.web.app/>

- Deployed an amazon clone using **React JS** with an integrated **recommendation system** which provides **personalised recommendations**.
- Tech-stack:
 - Languages: **React JS**, **Python**, HTML, CSS
 - Tags: Pandas, Firebase, Firestore, Flask, Collaborative Filtering, Mathematics, Machine Learning

MELODY GENERATOR | DEEP LEARNING | TIME SERIES FORECASTING

Deployed link: <https://dl-melody-generator.herokuapp.com/>

- Implemented a **Recurrent Neural Network System** which generates a unique melody sequence.
- Model is able to understand the underlying patterns and trends of the music, namely tonic notes, key, time signature, etc.
- Tech-stack:
 - Languages: **Python**, HTML, CSS
 - Tags: **Tensorflow**, Time Series Manipulation, LSTM, RNN

ACHIEVEMENT

- **MYSY Scholarship receiver** for 4 consecutive years.

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
2020	RICE University	Python Specialization
2019	Microsoft	Microsoft Technology Associate