

SHALINI DHOTE

AI Developer

PORTFOLIO

GITHUB

<https://github.com/123researcher>

OTHER

<https://devpost.com/software/mapie-fk87jq>

SKILLS

- Tensorflow, Keras, PyTorch, OpenCV, SageMaker, Fastai, NLTK, MLFlow
- Logistic/Linear regression, SVM, LSTM, Convolution Networks, RNN, BERT
- Oracle, MS SQL Server, Hadoop, MongoDB, AWS, MySQL, Blockchain, Docker
 - Numpy, Pandas, Matplotlib, Seaborn, Spacy
 - Python, Flask, Django, Java, C, JavaScript, ReactJS, NodeJS
- WordPress, AI Chatbot using RASA, Amazon Lex, MS Luis

HOBBIES

CAREER OBJECTIVE

A Machine Learning researcher passionate for cutting edge technology. More than 2 years of experience in AI. Doing research on various interesting concepts on ML/CV

EDUCATION

Aug, 2015 to Jun, 2019

B. Tech in Computer Science and Engineering
Jagannath University, Jaipur 75.8/100 , 4.0

EXPERIENCE

Jan, 2021 to Present

AI DEVELOPER(SHORT TERM PROJECT)
Groofl Intellect Pvt Ltd

- working on automated trading platform.
- Built an AI robot for doing trading.
- Deployed AI robot using AWS and flask
- Built various Machine Learning model for doing stock prediction, Sentiment Analysis of stock news, when to buy and sell, support and resistance.
- Worked on Financial Data using Yahoo Finance API.

Oct, 2020 to Dec, 2020

MACHINE LEARNING ENGINEER(SHORT TERM PROJECT)
Lumos Learning Pvt Ltd

- Research, design, develop and test Machine Learning model
- Applying Machine Learning, Deep Learning, NLP on large datasets(Audio sensors, images, videos, text) to develop models.
- Designing and programming Machine Learning methods and integrating them into our ML framework/pipeline.
- Worked on Lumos AI virtual assistant and grading system.

Jul, 2019 to Dec, 2020

JUNIOR DATA SCIENTIST AND PYTHON DEVELOPER
Develop and Promote Ltd (U.K.)

- Work on crypto projects using blockchain.
- applied algorithms like convolution neural network, RNN, Bayesian Network/ Deep belief networks etc. NLP techniques (word2vec, Topic modeling, audio processing, etc)
- Built many AI chatbots for clients using various frameworks such as RASA core/NLU, AWS LEX and Lambda, Microsoft Luis.
- Worked on Object Detection model using Tensorflow, Keras, OpenCV, RCNN, Selective Search approach.
- Built various application using Flask, Django, Docker, MySQL, Blockchain, deployed ML model on AWS EC2 service

- I won various medals in chess, table tennis. participated in art and craft and dance in school. I won first prize in university for best project

Jul, 2018 to Dec, 2018

INDUSTRIAL INTERNSHIP FOR SIX MONTHS IN AI

Ovi Learning LLP

It's a six months internship as a part of course curriculum in seventh semester. A strong experience in training CNN based architectures with emphasis on object detection, classification, localization. Worked on Twitter Sentiment Analysis, recommendation system.

Jul, 2017 to Aug, 2017

INTERN

Tech Mahindra

learnt various tools and technology and worked on a Java project



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Bhopal, M.P.

PROJECTS

AI CONVERSATIONAL CHATBOT FOR REDUCING CROWD

<https://devpost.com/software/mapie-fk87jq>

This chatbot is build using Rasa framework. It's task is to reduce crowd density at various places for the safety of people during covid.

It recommend similar points of interest or different time frame to choose.

Skills used: ML Recommendation model, Rasa, Pandas

RAIN DROPS REMOVAL USING ATTENTIVE GAN

<https://github.com/123researcher>

Rain drops adhered to a glass window or camera lens can severely degrade an image. In this project I removed raindrops and transformed a raindrop degraded image into a clean one.

Skills used: GAN, CNN, Tensorflow, Keras, OpenCV, Python

TWITTER SENTIMENT ANALYSIS

This project is used for predicting the upcoming election results with the help of NLP. I applied sentiment analysis concept on Twitter Data and build ML models.

Skills used: Python, NLTK, Sklearn, Pandas, Numpy, Twipy API, Tensorflow, Flask and AWS for deployment

CERTIFICATIONS

Deep Learning Nano Degree

AI in Health Care

RESEARCH AREAS

Machine Learning, Deep Learning, NLP, Computer Vision, GAN, Neural tangent, Aspect based Sentiment analysis, speech to text conversion.