

Abhishek Pillai

Chatbot
Developer

Experience

Schlumberger (Mar 2020- Current)

1.2 years' experience in developing conversational chatbots using state of the art technology.

- Clean / analyze data coming from bot conversation
- Improve dialog flow to handle those recurring utterances and entities.
- Help with handling of multilingual support
- Analyzing sentiment using KNN model from feedback generated by consumers.
- Topic modelling from IT tickets using Latent Dirichlet Allocation to identify key topics.
- Invoice processing on oil reports produced on hourly basis.

Education

PG Diploma (2019-2020)

Centre for Development of Advanced Computing, Pune – Big Data Analytics

B. Tech (C.S) (2015-2019)

U.V Patel College of Engineering
Mehsana Gujarat

I'm a self-motivated individual person who likes to solve any technical challenge. A quick learner with strong foothold in programming and analytical mindset.

Contact

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Skills & Expertise

- Machine Learning, Data Visualization, Applied AI
- Communication Skills, Critical Thinking, Collaboration

Portfolio

<https://abhi098.github.io/abpillai.github.io/#>

Awards

- Game of bots hackathon first runner up
- Outstanding performance award in Schlumberger

Machine Learning

Action Recognition:

- Segregating and Recognizing Human Actions from video footages using LRCN technique.

Predict-the-damage-to-a-building

- It predicts a grade of damage to the building post-earthquake. solution features some models such as Random forest, LightGBM and Support vector machine.

Energy Consumption Predictor

- Build counter factual models to predict meter reading across 4 energy types based on historic usage rates for a building and observed weather.

Computer Vision

Plant disease classifier

- The model classifies different types of plant disease from leaf images. The model uses transfer learning on Resnet-50 to achieve 76% accuracy.

Automated GUI prototype

- Utility uses real live stream images to automate the GUI in your computer using OpenCV framework.

Publication

- "Segregating and Recognizing Human Actions from video footages using LRCN technique". Publication description Springer in the series of "Advances in Intelligent Systems and Computing" (ISSN: 2194-5357)