

EDUCATION

Computer Engineering

L.D. College of Engineering , Ahmedabad

08/2016 - 08/2020

7.97 (CGPA)

H.S.C

D N J Adarsh High School , Deesa

06/2014 - 06/2016

90 %

EXPERIENCE

Data Engineer HSBC

09/2020 - Pursuing

Bangalore

Achievements/Tasks

- Designed and built BI chat bot to answer queries such as report metrics, trends, summaries for regions etc. in very easy to use, friction less manner. Built using NLP, spacy, rasa, rest APIs,python flask, mssql db
- Working on client servicing analytics project, where we are building central data asset for report built on spark and Scala pipelines. Working on generic enough warehouse design to store various source systems data in event model.
- Worked on Business Intelligence Dashboard & reporting projects where we generate reports (MI) for different products within bank and ETL solution for storing data in warehouse
- Working on NGO projects where villagers can see water levels and other params for farming. built on python, AWS- lambda and Api gateways
- Solved problem of whole team by building warehouse details and design on website and streamline the process workflow. Built on Django, APIs, html, css, bootstrap , teradata db
- Worked on economic data web scraping in python and analyse CPIs

SKILLS

Python

Data Structures

Scala - spark

Algorithms

Backend development

NLP

SQL

Data modeling

Django

Flask

Rest APIs

Communication

Shell

Data engineering

Statistics

ETL

Business analysis

Hadoop

Hive

PERSONAL PROJECTS

Camera based navigation of robot (Robocon)

- Using Opencv - python made an application which tells bot to turn based on white line and color, deployed on Raspberry-pi

Pyano

- Using OpenCV and python, i tried to make Piano, which takes camera feed from mobile camera sends it to computer and based on fingers position in region plays a piano note.

VideoParty (weekend project)

- Made a local-video sharing app through which we can chat in group and see local-video with friends in sync. It uses React , webRTC and flask as backend.

Sepsis classification (Final year)

- From MIMIC III medical database we prepared dataset containing 94 fields to classify sepsis conditions in patient, tried different models, got accuracy of 70% but learned a lot.

Telegram bot for vaccine discovery