Parth Jardosh

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EDUCATION

Sardar Patel Institute of Technology, Mumbai
Expected May, 2021
B.Tech in Computer Science
CGPA: 9.45

Sinhal Junior College, Mumbai 2017 | **HSC: 88%**

ACHIEVEMENTS

5th Place - BITS Goa Hack, Feb 2020
Winner - IIC Hack, S.P.I.T., Jan 2020
Runner up - Data-Quezt VESIM, Dec 2019
Winner - MPSTME Hack, Oct 2019
Winner - VIT Hack, Sept 2019

SKILLS

- Back-End Development
- Data Science

LANGUAGES

Python |Java |Dart |C
HTML |CSS3 |SQL | R

FRAMEWORKS / TOOLS

Django | Flutter | Dialogflow
Amazon Web Services |Tableau |Bootstrap 4 | AngularJS| Flask

CERTIFICATIONS

COURSERA

- Deep Learning Specialization, Offered by DeepLearing.AI
- AWS Fundamentals Specialization, Offered by Amazon Web Services

SUVEN CONSULTANTS PVT. LTD.

- Java Data structures
- AngularJS with Firebase and Bootstrap
- Data analytics and visualization using R
- Statistics using MS Excel and Tableau
- Machine Learning using Python

EXPERIENCE

- **TESSERACT CODING** |MENTOR   **JULY 2020**
Acted as a Mentor for the #30DaysOfFlutter campaign, which was launched by Tesseract Coding
Role: Mentor for Flutter Application Development.

- **SKINZY** | BACK-END INTERN   **MAY 2019 – Ongoing**
A Healthcare Research start-up, Skinzy™ provides a simple and effective solution to skin-related diagnostic questions.
Role: Leading a team of 4 junior developers, developing back-end system and maintaining the servers.

PROJECTS

- **Speech.AI**   **JUNE, 2020**
This is an ongoing project which aims to generate speech from text. The USP of this project is that it aims to generate human like speech, which conveys the emotions behind the text
Role: Developing a system which can synthesize natural speech.

- **MeghNA**   **JANUARY, 2020**
Working on a project involving the processing of satellite images provided by ISRO to detect clouds in the image and to predict the motion of clouds.
Role: Developed the back-end system and the mobile application.

- **TWEESY**   **OCTOBER, 2019**
This is a Sentiment Analysis App made using Django and Twitter API.
Role: Build the back-end system, which uses the Twitter API for fetching tweets and performing sentiment analysis.

- **RHEA**   **SEPTEMBER, 2019**
A web app which facilitates easy recollection of concepts and formulas by using NLP techniques on the transcript of a video. This is done using a chat-bot, which identifies the keywords from the user input and maps it to the corresponding time frame in the video.
Role: Generated transcripts of videos and testing various NLP methods on it.

PUBLICATIONS

- **Detection of Flood Prone Areas by Flood Mapping of SAR Imagery**
A study in which Flood Mapping of SAR images was **August, 2020** done. This was done to detect flood prone areas in urban cities. The target city was Mumbai.
Accepted in Intl. Conf. on Smart Systems & Inventive Technology

- **SEGRO: Key towards Modern Waste Management**   **June, 2020**
An end to end solution for optimal waste collection, segregation, disposal and recycling. The paper aims at providing an efficient route optimization algorithm for waste collection and uses smart bins to automate waste collection and segregation process.
Accepted in IEEE Intl. Conference for Emerging Technology, 2020

POSITIONS OF RESPONSIBILITIES

- **Coding Club, 2019-20 -** Founding Member, Responsible for expanding the club to over 400 members of S.P.I.T.
- **Oculus , 2019 and 2020 –** Event Head for 2 different events
- **Spoorthi, 2019 -** Managed the Table Tennis Competition