

Tilak Tejani

tilak.tejani@gmail.com | +91 9104360537 | LinkedIn | Github

EXPERIENCE

DEUTSCHE INDIA PVT. LTD. | GRADUATE ANALYST

July 2023 – Present

- Project Title: **Channel Pipeline**
- Technologies: **Java, Google Cloud Services, Terraform**

D360 TECH. INC. | SDE INTERN

Jan 2023 – June 2023

- Project Title: **Diamond Assist** | 🐞
- An **interactive bot** to provide insights on Diamonds data.
- Tool can help provide information on current market data and also individual vendor data by processing query entered by user.
- Technologies: **Python, Google Cloud Services, ReactJS, Dialogflow, Meta Business Assist API**

PROJECTS

ALGORITHM VISUALIZER | MAY 2021 – JUNE 2021

Path finding Visualizer: 🐞 Sorting Visualizer: 🐞

- A **web application** based visualizer for path finding algorithms and sorting algorithms.
- – Path finding algorithms: **A*, Dijkstra, BFS, DFS**
- – Sorting Algorithms: **Quick, Merge, Bubble, Insertion, Selection, Radix, Counting, Comb, Cyclic**
- **Random Maze Generation** using DFS in Path Finding Visualizer with **wall removing and adding** feature.
- Technologies used: **HTML, CSS, JavaScript**.

LET THEM INVITE | 🐞

June 2021 – July 2021

- **Invitation Assistant** through WhatsApp.
- Application to send name written invitations on whatsapp.
- Names will be written on unnamed soft copy of invitation.
- Can send **30 invitations/minute** without any human assistance.
- Technologies Used: **Python, Tkinter, Whatsapp web, Selenium**

WALL DODGER AI | 🐞

May 2022 – June 2022

- **Real time learning game** developed using only javascript.
- Under influence of gravity ball can jump and whole game is **AI driven** and has to go through walls avoiding collision.
- Basic **Neural Network** is developed using DL approach and real time NN visualizer is also developed from scratch.
- Technologies Used: **HTML, CSS, JavaScript**
- Max Playing Time: **4 hrs***.

Q LEARNING BASED SELF DRIVING CAR | 🐞

June 2022 – July 2022

- **Q Learning in real time game** developed and **visualize** using JS.
- Car will have to go through traffic while avoid collision while sensing traffic using sensors **neuralnetwork** and will learn using **Q learning methodology**.
- Technologies Used: **HTML, CSS, JavaScript, TensorFlowJS, ChartJS**.

CAMPUS ACTIVITIES

DHOLAKA ASHRAM VISITS |

VOLUNTEER

Jan 2020 – Present

- Random visits to Dholaka ashram for meeting gurus.
- Started as campus activity but now it is like routine.
- Volunteering for different helps which I can provide, like Tech. related and just discuss with them on different subjects.

EDUCATION

NIRMA UNIVERSITY

B.TECH IN CSE - 2023

CGPA: 8.2

P.P. SAVANI CHAITANYA VIDYA SANKUL

HSC boards - 2018: 92%

SKILLS

PROGRAMMING

Python • Java • C/C++ • Javascript
ReactJS • MySQL • mongoDB •
nodeJS

VCS & BUILD TOOLS & CLOUD SERVICES

Git • Github Actions • AWS • GCP •
chatGPT(prompt eng.)

COURSEWORK

Data Structures and Algorithms
Object Oriented Programming
Database Management System
Operating Systems
Discrete Mathematics

ACHIEVEMENTS

3* ranking on codechef.
500+ leet-code problems solved.
300+ problems solved on codeforces.
200+ problems solved on codechef.

INTERESTS

Music • Developing Tools • SitComs •
Anime