

Param Ashish Modi

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EDUCATION

Pandit Deendayal Energy University | Gandhinagar, Gujarat

Jul. 2018 – May 2022

Bachelor of Technology in Information & Communication Technology

- **CPI:** 8.79/10

The New Tulip International School | Ahmadabad, Gujarat

May 2018

Senior Secondary (XII), Science

- **Percentage:** 93.80%

Udgam School For Children | Ahmadabad, Gujarat

May 2016

Secondary (X)

- **CGPA:** 9.60/10

WORK EXPERIENCE

Kansult Group of Companies | Ahmedabad, Gujarat

May 2020 – Jul. 2021

Technical and Software Management Intern

- SDE Intern
- Looked after end to end product development Stakeholder

C-TAG Coding Academy | Ahmedabad, Gujarat

Jul. 2021 – Aug. 2022

Full-stack Developer

- Requirement analysis(BRD)
- Documentation
- Carefully analysed the client requirement and developed an end to end product
- Looked after database management
- Developed strategies for their future scope
- Social Media Marketing, SEO, Content Creation

Caradora | Ahmedabad, Gujarat

Jan. 2022 – March 2022

AI & Web Development Intern

- Full Stack Web Development Intern

The Keystone Universe of Education | Ahmedabad, Gujarat

May 2018 – Jun 2018

Technical Support Intern

- **Lead development** of daily reporting system of missionaries managing the organisation, build a website with Google Sheets and Google Scripts as back-end.

PERSONAL PROJECTS

Speech Emotion Recognition Using Librosa

- Detection of emotion from a person's speech. It is done using the Librosa Library.

Full Stack Chat Application

- Here I have made a full functional Chat Application using MERN(MongoDB, Express, React, Node JS). You can add users to the database and use the chat option to chat with the user you have matched

Mobile Application for SCIGST

- Developed an app with team of 5 members to convert the taxation software of India to a comprehensive mobile application.

ACADEMIC PROJECTS

Skin Disease Recognizer App

GitHub link - www.github.com/Divy2000/Skin-Diseases-Detection-Hackbash

- Developed an **AI based** skin disease recognition web app to detect skin diseases from a phone's camera, using **neural network based** tensor-flow lite image classifier.

British Library Management System

- **Lead team of 6** members to make a full library management system in JAVA.

Club Management ERP

- Designed a schema and created **SQL database** for fully automated club management system with dummy data. Tested the system with various queries.

Scheduling Algorithm Visualization GUI (Java)

- Developed java based application for calculation of completion time, wait time process scheduling algorithms used in Operating Systems according to different inputs of processes and timings by user.

RESEARCH PROJECTS

Material Search Engine | Mohendra Roy

- Trained various classification models to detect the type of material present with 4 d-values given in the data-set.
- Paper is published in Materials Today Proceedings - <https://www.sciencedirect.com/science/article/pii/S2214785322001481?dgcid=author>

Finding oil well pressure before drilling | Mohendra Roy

- Trained and compared various **machine learning** based techniques for prediction of well pressure before drilling.
- Used the actual pressure data from drilling sites to validate the results obtained by our machine learning methods.

CO-CURRICULAR ACHIEVEMENTS

- 2022 - Astract Presenter at the MMCITRE Conference
- 2020 - Technical Head of Gaming club(Respawn) of my college.
- 2018 - Sponsorship sub-committee member for the Tech-fest of the college, leading the associate sub-committee.

Skills : App Development, Machine Learning, Back-end Development, MongoDB Database

Languages : Python, Java, HTML, CSS, SQL (PostgreSQL, MySQL), C#, LaTeX, Express.js, React.js, React, Flutter

Tools : GitHub, Notion, Overleaf, Google Scripts, MATLAB