

# *Dikshita Pillai*

B.Tech,IIT(ISM) Dhanbad

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## EDUCATION

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### **Indian Institute of Technology Dhanbad**

2nd Year,Bachelor of Technology  
Electrical Engineering

*December 2020 - Present*

### **Narayana Junior College**

Higher Secondary Education (SSC)  
Extra Subject : Psychology

*2018-2020*

Overall score : 91.00%

### **Vissanji Academy**

Secondary Education (ICSE)

*2014-2018*

Overall score : 95.2%

## PROJECTS AND CASE STUDIES

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### **Adore(A responsive flow for pet adoption)**

Adore is a website flow for adoption of pets.It guides you through the adoption process and helps you in becoming a good and ready pet parent.It also provides additional details about medical centres and what to do in cases of emergencies.It helps you find a compatible pet and helps you to make your pet feel comfortable.

### **Vera (A mobile app for art galleries)**

Vera is a ticket booking and audio tour app for art galleries.It additionally shows galleries nearby and allows you to bookmark art pieces,art exhibitions.It gives you an overview of activities you can engage in at the gallery.It also has an art scan option which scans and identifies art pieces.This project is designed as an app.

### **A educational and interactive platform for students**

<https://github.com/madpro25/hackfest-2022> (Group Project)

Through machine learning algorithms,a system is created which recognizes faces of the students to mark their attendance. To ensure their attentivity in class,a gaze tracking and posture detection system is present.

Additionally, the lectures are summarised. The main points of the lecture are hyperlinked for further reference.

A social media hashtag tracking system is created for the students to make sure that they are not affected by depression, cyberbullying and such grave problems. The hashtag notifier alerts the team whenever a student interacts with such hashtags or comments regarding this.

## **RELEVANT COMPUTER SKILLS/COURSES**

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**Introduction to User Experience Design** - Georgia Institute of Technology

**Human Computer Interaction** - Georgia Institute of Technology

**Google UX Design Professional Certificate** (Ongoing)

**UX Design** : Figma, Adobe XD, Marvel, Canva, Invision

**Programming languages** : C, C++, Python

**Web Development** : HTML, CSS, Javascript, Node JS, MongoDB, React Native, React JS

**Machine Learning** : Tensorflow, Keras, scikit-learn

## **EXTRA-CURRICULARS**

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- **Social and Voluntary work**
  - Member of Fast Forward India, an officially registered NGO
  - Organised a blood donation drive which collected more than 350 units of blood
- **Dance**
  - Core member of the official stage dance society
  - Content creation head of the stage dance society
  - Organising committee member in the dance events of the club
  - Trained in Mohiniyattam, a classical dance form of Kerala
- **LGBTQ+ ally**
  - Core member of Astitva - LGBTQ+ support and awareness group of IIT ISM
  - Content creator
- **Other Hobbies:**
  - Swimming, Badminton, reading books