Dikshita Pillai

B.Tech,IIT(ISM) Dhanbad
Ph No:8828366146
Email:pillaidikshita97@gmail.com/20je0330@ee.iitism.ac.in

EDUCATION

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Indian Institute of Technology Dhanbad   *December 2020 - Present*
2nd Year,Bachelor of Technology
Electrical Engineering

Narayana Junior College   *2018-2020*
Higher Secondary Education (SSC)
Overall score : 91.00%
Extra Subject : Psychology

Vissanji Academy   *2014-2018*
Secondary Education (ICSE)
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**
  - Content creation head of the official stage dance society
- **LGBTQ+ ally**
  - Core member of Astitva – LGBTQ+ support and awareness group of IIT ISM
- **Other hobbies**
  - Swimming,Badminton,reading books