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| WORK EXPERINCE |

Product Engineer

Yupcha Software solutions

(11/2023 - Present), Agartala, India

Job Role:

- Develop and maintain software products for various clients around the globe.
- Worked with various image processing technologies like OpenCV, Yolo object detection for enhancing the quality of the image data set for ML.
- Prepare and label various type of datasets for supporting various ml projects
- Provide customer support of the products

Software Engineer

Vasudhaika Software solutions

(03/2020 – 02/2021), Hyderabad, India

Job Role:

- Designed various modules of the website using html, CSS, JavaScript etc.
- Implemented some module logic on the code base
- Worked on various marketing practices like email templating etc.
- Mentored frontend technologies to interns.

| EDUCATION |

M.Tech in Computer Science Engineering

Tripura University (Tripura, India)

(07/2021 – 08/2023)

8.24 CGPA

B.Tech in Computer Science Engineering

Techno College of Engineering Agartala (Tripura, India)

(06/2017 – 09/2020)

8.54 CGPA

Diploma in Computer Science Technology

Gomati District Polytechnic (Tripura, India)

(06/2014 – 05/2017)

7.06 CGPA

SSC (10th)

Bhavans Tripura Vidyamandir (Tripura, India)

(03/2003 – 03/2013)

7.6 CGPA

Marksheet link:

https://drive.google.com/file/d/1DL_zB6aNMPqOmlQojGLHr-XNXEhaJmpH/view?usp=sharing

| PERSONAL INFORMATION |

DOB: 13th November 1996. **Nationality:** Indian

Language Known: Bengali, English, Hindi

| SKILLS |

Subjects & Technologies:

Computer Networks

Operating System

Web development

Machine Learning

Recommendation system

Data Annotations

JAVA SCRIPT

PYTHON

Open CV

IOT

| RESEARCH |

POINT OF INTEREST RECOMMEDATION

This is specially designed point of interest recommendation for tourist who visit new places have no much idea about what places to visit based on his/her interest • We solve this problem by using collaborative filtering method over dataset where user will visit.

Presentation:

<https://youtu.be/Bcu60vFKH4I?si=c3CrEMGG9wTrl5I>

| LATEST PROJECTS |

SMART MEDICINE BOX (IOT BASED PROJECT)

Smart medicine box is an IOT based medicine Remainer solution designed for all the patient who are suffering from Alzheimer's disease. This box has multiple features like multiple compartments with different led indication along with custom tune to remind the patient. Check out the video link to visualize the project

Demo: https://youtu.be/obiLnRn3C28?si=UWGXQp_j_q3IKsrt

FLAPPY AIRCRAFT (BROWSER GAME)

Inspired from famous google chromes dino game, I have developed similar kind of game based on my imagination where the main character, AIRCRAFT have to pass through the building without touching while maintaining the gravity. As you pass more distance the difficulty of the game more increased. This game is purely developed using HTML, CSS and JAVA SCRIPT. Try out the link provided below to check my work.

Demo: <https://nsbhatt.netlify.app>

