

Nayanshi Yadav

M.Tech – Computer Science & Engineering – IIT, Dhanbad

22MT0225

+91-8948496202

@22mt0225@iitism.ac.in

 [nayanshi-yadav](#)

 [nayanshi-yadav](#)



EXPERIENCE

Esya Technologies Private Limited— Web Developer Intern

SEPTEMBER 2021 - MAY 2022

- Gained an in-depth understanding of scrapy and built various scrapers for the company.
- Experienced in creating APIs using Flask as well as FastAPI and in the process also used Flask-sqlalchemy to interact with the database.
- In the Internship ,I observed the website "esya.ai", strategically planned and built the UI of the website as well as dealt with the backend.
- Proved successful working within tight deadlines and a fast-paced atmosphere.
- Participated in continuous improvement by generating suggestions, and engaging in problem-solving activities to support the team. Performed the integration of front-end elements created by me with the backend.
- Performed a pivotal role in research and testing to enhance the performance of existing systems.

PROJECTS

Breast Cancer Detection System— Machine Learning

Classifies the lump as benign or malignant where benign means it is just a lump and non cancerous while malignant means the lump is cancerous. I have used KNN, Decision Tree, Logistic Regression and SVM algorithms for training and testing purposes and compared their results.

Movie Recommendation using Python

Recommends movies on the basis of emotions such as anger, sadness, happiness etc, using Python .It scrapes the IMDB webpages for getting movies and then uses that information to predict movies.

Communication Efficient Federated Learning-

This is my ongoing thesis work in which I am trying to develop a federated learning approach which takes less communication time for transfer of model parameters between nodes(IOT devices) and server. For this purpose I am using Clustered Based Federated Learning.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — Master of Technology in Computer Science and Engineering

AUGUST 2022- MAY 2024 CGPA – 7.86

Dr. Rammanohar Lohia Avadh University,Ayodhya — Bachelor of Technology in Information Technology

AUGUST 2018- MAY 2022 CGPA – 8.83

Shri Jagannath Shah Memorial Public School,

12th - APRIL 2017- APRIL 2018 - 90.6%

10th - APRIL 2015 - APRIL 2016 - 90.6%

SKILLS

- **Languages:**Python,HTML,CSS,C
- **Version Control:** Git
- **Tools and IDE:** VS Code, Postman, Github, Google Collab
- **Interpersonal Skills:** Leadership,Public Speaking TeamManagement, Problem Solving

COURSES AND CERTIFICATES

- Data analytics and Data Science by NPIU
- Problem Solving with programming in C by NPTEL
- Get Ahead with front end web development by GEEKS FOR GEEKS

ACHIEVEMENTS

- Ranked among top 2% in GATE 2022
- Star Performer - By SoftPro India Pvt Ltd, Lucknow One month Training based on web development along with 150+ students got awarded for being the most active and helpful and sincere student..

POSITIONS OF RESPONSIBILITY

- Student Placement Representative in IIT DHANBAD
- Operations Head at Technical Event in RMLAU in 2022
- Head Girl in JN SHAH

EXTRACURRICULARS

- Anchoring
- Dancing
- Basketball