

Richa Ray

+91-9330673874

rayricha15@gmail.com

<https://www.linkedin.com/in/richa-ray-z341/>

<https://github.com/richaray>

Education

National Institute of Technology

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.25 / 10.00)

Expected May 2027

Aizawl, Mizoram

- **Relevant Coursework:** Data Structures and Algorithms , Object Oriented Programming

Experience

ML Intern at Cothon Solutions

December 2024 – January 2025

- Certificate : <https://drive.google.com/file/d/1DsuzA8zxVu8bAvLT84wplbCoZJMujgcF/view?usp=sharing>
- Developed an image classifier, a chatbot using NLP, a speech-to-text converter, and a stock price analysis system, applying machine learning techniques to diverse real-world problems.
- Presented project findings to a technical audience, enhancing communication and presentation skills.

Attended Winter School at IIT Guwahati

Jan 6th 2025 – Jan 13th 2025

- Certificate : <https://drive.google.com/file/d/1aJEKLa8f8ew2MPwINDk3dJn53fzFVZfh/view?usp=sharing>
- Worked on practical implementations using frameworks like TensorFlow and PyTorch.
- Explored real-world applications of NLP, including text generation and sentiment analysis.

Content Writer

- Medium Account: <https://medium.com/@rayricha15>
- Published articles on Medium, covering a range of technical and reflective topics.

Projects

Car Price Prediction using Linear Regression | https://github.com/richaray/CarPrice_Regression

- Built a car price prediction model using linear regression.
- Processed the data from the dataset and then implemented a multivariate linear regression model from scratch.
- Used a pre-written linear regression model and a Random Forest Regressor model from sklearn package to compare the results.

Fruit Attack (A game using python) | <https://github.com/richaray/GameUsingPython>

- Developed a two level game using Python.

Data Analysis | <https://github.com/richaray/DataAnalysis>

- Thoroughly processed a dataset containing various mobile features and then analysed the data with graphs and plots.

Skills and Competencies

Languages: C++, C, Java, Python

Technologies: Jupyter Notebook, GitHub, PyCharm, Scikit-learn, RandomForestRegressor

Concepts: Linear Regression, Logistic Regression, Neural networks, Clustering, Reinforcement learning

Soft Skills: Good Communication and Presentation

Achievements

- **3rd position in Yuvamanthan Hackathon 2024** Idea Pitching contest
- **School Topper** - Class 12th Board Exam(95%) in year 2023
- **School Topper** - Class 10th Board Exam(97%) in year 2020
- **Cleared JEE Advanced (2023)**

Social Engagements

Google Developers Group : Core AI/ML member of Google Developers Group on campus NIT Mizoram

Class Representative: Elected representative for the CSE branch since first year (2023-Present)

Participant : Yuvamanthan Model United Nations Program, represented [Ambassador/South Korea] and participated in discussions on global issues (2023)

Participant: Participated in Yuvamanthan Hackathon 2024 Software Development Contest.