



**RAJDEEP DAS**  
Bachelor of Technology,  
Computer Science and Engineering  
Girijananda Chowdhury Institute of Management and  
Technology,  
Guwahati, Assam

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## EDUCATION

- **Girijananda Chowdhury Institute of Technology and Management** 2024  
*Bachelor of Technology in Computer Science and Engineering* CGPA: 8.23
- **Pragjyotish Senior Secondary High School** 2019  
*Class-12, CBSE, Specialization – Science* Percentage: 70.4%

## EXPERIENCES

- **Assam Power Distribution Company Limited (APDCL)** July, 2023  
*Summer Intern*
  - Developed a Conversational Chatbot for APDCL services aiming towards its end users. Built using HTML, CSS, JavaScript, Flask and MySQL
- **Internshala** July, 2022  
*Summer Intern*
  - Completed a 4 weeks Machine Learning internship
  - Built music genre prediction and house prediction model

## PERSONAL PROJECTS

- **Diabetic Retinopathy Detection** February, 2023 – June, 2023  
*A SVM based machine learning model to detect the presence of Diabetic Retinopathy using retinal fundus images*
  - Built using OpenCV for Image Analysis and SVM for the binary classification of disease presences
  - Achieved an accuracy of 90% above
- **Deep Learning-Enabled Android App for Indigenous Fish Classification** September, 2023 – June, 2024  
*An Android based Chatbot Application for end users to instantly classify and verify any Indigenous fish of Assam by strong deep learning models*
  - Building a strong classification model using CNN (96% accuracy) and pre-trained model, MobileNetV2 (95% accuracy) to classify locally available fishes around Assam
  - Comparing the result of different deep neural network models
  - Presenting the result using Android Chatbot Application to end users made with the help of Flutter and Dart with a Flask server
- **Assignment Submission portal** January, 2022  
*An interactive web-based tool for teachers to set online assignment questions and students to submit it accordingly online*
  - Built using HTML, CSS, JavaScript and MySQL

## TECHNICAL SKILLS

- **Languages:** C/C++, JavaScript, Python, Java, Dart
- **Frameworks:** OpenCV, Flutter, TensorFlow/Keras
- **Database:** MySQL
- **Soft Skills:** Communication, Management, Leadership
- **Area of Interest:** Android App development, Machine Learning, Deep Learning

## COMMUNICATION LANGUAGE KNOWN

- **Assamese:** Native or bilingual proficiency
- **Bengali:** Native or bilingual proficiency
- **English:** Full professional proficiency
- **Hindi:** Full professional proficiency

## PERSONAL INTEREST

- **Filmmaking/Cinematography:** Shooting B-Roll Clips
- **Video Editing:** Using Adobe Premiere Pro
- **Photo Editing:** Using Lightroom CC