



Gour Krishna Dey

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DOB: June 28, 2001

Address: 639/2 Ashoknagar , Pin - 743222, N 24 PGS , West Bengal



Education

Indraprastha Institute of Information Technology Delhi

M.Tech (CSE)

2024 – 2026(Present)

CGPA: 8.47

(Till 3rd Semester)

Govt. College of Engineering & Textile Technology Serampore

B.Tech (CSE)

2020 – 2024

DGPA: 9.38

Percentage : 86.3

Higher Secondary , Ashoknagar Boys Secondary School (H.S)

WBCHSE

2017 – 2019

Percentage: 89.2

Secondary Exam , Ashoknagar Boys Secondary School (H.S)

WBBSE

2017

Percentage: 93.7

Skills

Expertise Area

Full Stack Development , Machine Learning , NLP

Programming Language

Javascript , C++ , Python , C

Tools and Technologies

Node , Express , Tailwind CSS , Mongo DB , React, Figma , Git , Docker , Python , Flask , GCP , Pytorch , Transformers

Technical Electives

DBMS , Graduate Systems , OOPD , DSA , OS , Algorithms

Experience

Student Web Developer

(Dec,24 – May,25)

Guide: Dr. Ganesh Bagler (Professor , IIITD)

Team Size - 4

Worked as a Student Web Developer under the project Ratatouillegen in **CoSyLab**, IIIT-Delhi.

Web Developer Intern (Industrial)

(Mar,25 – May,25)

Guide: Info Aidtech Pvt Ltd (Virtual)

Worked on real-world web-based frontend projects involving responsive design, interactivity, and modern UI components.

Projects

UnifyLearn: Intelligent Cross-Platform Course Discovery Engine

(Aug,25 – Nov,25)

Guide: Dr. Mukesh Mohania (Professor , IIITD)

Team Size - 2

- ❖ Built an AI-powered course discovery engine with LLM-based natural language to NoSQL (MongoDB) query translation.
- ❖ Developed Python + Flask backend for query handling, enrichment, and schema standardization.
- ❖ Designed frontend using Node.js, Express, and Tailwind CSS, fully integrated with backend.

Claim Normalization

(Mar,25 – Apr,25)

Guide: Md. Shad Akhtar (Professor , IIITD)

Team Size - 1

- ❖ Built a Claim Normalization system using **BART** and **T5** models to convert noisy social media posts into structured, fact-checkable statements.
- ❖ Implemented data preprocessing pipeline including text cleaning, tokenization, and handling missing or malformed data & Integrated a Streamlit web UI for interactive testing, visualization
- ❖ Focused on model fine-tuning, NLP pipeline optimization & output generation. [Click To See](#)

Aspect-Based Sentiment Analysis

(Apr,25 - May,25)

Guide: Md. Shad Akhtar (Professor , IIITD)

- ❖ Preprocessed aspect-annotated review data and generated vocabulary with FastText embeddings.
- ❖ Implemented **RNN** and **LSTM** models with attention over local context windows for aspect-based sentiment classification as Baseline Model .
- ❖ Fine-tuned transformer-based models (BERT, RoBERTa, BART) to capture deeper contextual relationships and improve performance.
- ❖ Explored hybrid approaches combining traditional RNNs and transformers for enhanced sentiment polarity prediction.

Ratatouillegen

(Dec,24 – May,25)

Guide: Dr. Ganesh Bagler (Professor , IIITD)

Team Size - 4

- ❖ Developed & Deployed an LLM-based recipe prediction platform under IP at CoSyLab of IIIT Delhi .
- ❖ Designed frontend with **React** & Tailwind CSS for interactive user experience.
- ❖ Integrated backend APIs to fetch recipe data and provide personalized suggestions.
- ❖ **Deployed** internally on the lab server; demonstrated LLM-driven prediction and recommendation. [Live Demo](#)

Positions of Responsibility

- | | |
|--|---------------------|
| ● Teaching Assistant in IIITD (currently working as a TA of UsS) | (Aug,24 – Present) |
| ● District Admin IT Wing of Satsang, Deoghar | (July,24 – Present) |
| ● President of Bahurupi (Cultural Club of GCETTS) | (Jan,23 – Jan,24) |

Achievements & Certifications

- SQL (Intermediate) Certificate ([HackerRank](#))
- Competitive Coding in Codechef (1 star)
- GATE 2023(CSE) , 2024 (DA, CSE)
- Certified Visharad in Indian Percussion (Tabla) from Pracheen Kala Kendra, Chandigarh

Interests and Hobbies

Rational Spirituality , Music , History , Cricket

Declaration: The above information is correct to the best of my knowledge.

Gour Krishna Dey

Date: August 23rd , 2025