



# Sourav Sharma

Roll No.:CS22B038

Computer Science and Engineering

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Portfolio

GitHub | Leetcode |Linkdin

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	National Institute of Technology Arunachal Pradesh	8.87 (Current)	2022-26
Senior Secondary	Tarar college , Tarar	89.0%	2020
Secondary	Shree Didoo Maheshwari Panchyat Vidalaya	82.6%	2018

## EXPERIENCE

- **Proxenix** may 2025 - jun 2025  
*Machine Learning Intern* Delhi
  - Led a pan-India cross-college team to develop Machine Learning solutions, including a Sentiment Analysis model and a Question Answering system, fostering collaboration and improving project efficiency.
  - Designed and implemented a custom Large Language Model (LLM) architecture using Python and PyTorch, initialized with pretrained weights and fine-tuned on the Alpaca dataset format, achieving strong performance in NLP tasks.
  - Built and deployed a Flask-based user interface for real-time model testing and interaction, enabling seamless accessibility for both technical and non-technical users.

## PROJECTS

- **NIT-AP Circle** mar 2025 - june 2025  
*HTML , CSS, JavaScript,express.JS,node.JS,SQL, Postgres | Web Development*
  - This is utility website for the people inside our campus, this is a group project with my friends. This project aims to solve the problems student face in campus.
  - This site will incorporate complaints,lost-found, buy-sell, Notices , ride sharing etc features to make campus life easier
- **PA Transformer** may 2025 - july 2025  
*Python, Numpy, Transformers, Tiktoken, PyTorch, Flask*
  - Created a medium GPT architecture, using encoder, MultiheadAttention, Neural Network and Output head
  - Fine tuned the model for generation of text using instruction based fine tuning in alpaca format
- **World Travel Tracker** jan 2025 - july 2025  
*HTML, CSS, EJS, JavaScript,node.JS SQL, Postgres.*
  - A World map display, where you can mark all your listed country and also your friends and family member's list as well can add a new member with it own marking style, all you data are stored in database so that you do not loss track of your travel.
- **Simon memory Game** june 2024 - sep 2024  
*HTML, CSS, JavaScript, Vercel*
  - A simple fun game developed using html,css and java script with a good user interface incorporating good visuals and audio.It uses localStorage of the browser to keep track of the sequence of color selected by user and the game to evaluate result and score.

## ACCOMPLISHMENTS

- **CodeChef Starter 167 (Div 3)**:Secured a **Global Rank of 734** among **35,000+ active participants**.
- **Technoxian 2024**:Secured a **Global Rank of 16** in *World Robotic Championship (Technoxian)* among **200+ participants**.
- **Problem Solving**:Solved **250+ problems** across platforms like *CodeChef, LeetCode, and Codeforces*.
- **Impromptu Speech Competition**:First Prize in the campus

## TECHNICAL SKILLS

- **Programming**:Python, C/C++, Java , JavaScript
- **Developer Tools**:Git/GitHub, VS Code, Jupyter Notebook, PyCharm, Bootstrap.
- **Web Development**:Node.js, express.JS , HTML, CSS
- **AI And Machine Learning**:Numpy, Pandas, TensorFlow, PyTorch, CNNs,ANN,RNN.