Gaurav

Solution-oriented CSE undergrad with strong foundation in math and logic. Adept at motivating self and others. Passionate about ML, AI ,Problem solving. Seeking to practice solid development and analytics skills with a focus on collaboration, communication and passion.

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🔗 **Linkedin**

🔗 **Github**

Education

B.Tech | National Institute of Technology, Patna

Computer Science and Engineering(2018-2022) **(7.88 CGPA)**

School + Intermediate | Rishikul Vidyapeeth, Sonepat (CBSE affiliated)

12thBoard:88%
10th Board : 9.6 CGPA

Experience

- **Worked under research professor (NIT PATNA) -**
  - Built a window based application using java swing, socket connection. Link
  - Data encrypted using AES algorithm and key encrypted using RSA algorithm , Client uses the key and decrypts data sent by Data owner.
  - Implemented DNA based method for encryption and decryption of the file or information and storing it in the cloud.
- **Volunteered in cultural fest in NIT Patna -**
  - Worked with a team of 6 and handled various activities in annual cultural fest "Melange" in NIT PATNA.
  - Also performed mono and a group act and got a gold medal .

Projects

- **Liver cancer detection from Histopathological Images (SCIE indexed paper)** - Predicting liver cancer using global labels. We have used the TCGA dataset and Resnet-50 to extract features and MLP to predict output. Link

Skills

Languages
C , C++, Python, Java, Javascript, Octave, CSS , HTML

Machine Learning tools
NLTK , Pandas ,Tensorflow, Sklearn, Numpy

Development tools
Nodejs, Reactjs, Expressjs

Databases
mongoDb , SQL

Academic courses

- Data Structures in C++
- Web Technology
- Design and analysis of Algorithms
- Operating System
- Object Oriented Programming
- Database Management Systems
- Machine Learning and Data Mining

Profiles

🔗 Codechef   🔗 GeeksforGeeks

🔗 Codeforces   🔗 Leetcode

🔗 Portfolio

Achievements

1. Reached final round in IOT competition by Techienest IIT Bombay (2018)

2. Achieved 14567 rank in JEE Main

- **E-commerce web-app using MERN stack -** Using MongoDb Node.js Express.js.,User authentication using JWT tokenization. React js framework , used useState function , props etc. and css. [Link](#)
- **Hope Speech prediction using NLP (Codalab competition inclusion EACL 2021) -** Using NLTK library and Port Stemmer algorithm,Dataset on Youtube comments in English, Tamil And Malayalam. [Link](#)
- **Machine Learning using Octave -** Applied machine learning techniques like regression , classification , neural networks , anomaly detection and recommender systems using octave. [Link](#)

Certifications

1. Machine Learning - Stanford (*Coursera*)
2. Machine learning A-Z in python(*Udemy*)
3. Full stack MERN bootcamp(*lerancodeonline.com*
4. Python2 (*Codecademy*)
5. Data analytics with python(*Nptel*)