

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 skills with a focus on collaboration, communication and passion.

Education

B.Tech | National Institute of Technology, Patna

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

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

12th Board: 88%

10th Board : 9.6 CGPA

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.
- **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.
- **Data security in cloud environment** - Built a window based application using java swing as frontend. Data encrypted using AES algorithm and key encrypted using RSA algorithm, Client uses key and decrypts data sent by Data owner.
- **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.

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

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🔗 [Github](#)

Skills

Languages

C , C++, Python, Java, Javascript

Machine Learning tools

NLTK , Pandas , Tensorflow, Sklearn, Numpy

Development tools

Nodejs, Reactjs, Expressjs

Databases

mongoDb , SQL

Profiles

🔗 [Codechef](#) 🔗 [GeeksforGeeks](#)

🔗 [Codeforces](#) 🔗 [Leetcode](#)

Achievements

1. Reached final round in IOT competition by Techienest IIT Bombay (2018)
2. Acquired 14567 rank in JEE Main (2018)

Certifications

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

