



Mrishabh Raj

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 [LinkedIn](#)

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Education

Bachelor of Technology in Computer Science & Engineering

Malout Institute of Management and Information Technology
(I.K Gujral Punjab Technical University)

2023 | GPA – 8.35

Higher Secondary (PCM)

T.C. +2 High School, (Bihar School Examination Board)

2019

Projects

Depression Detection using Machine Learning

- This project uses data from social media networks to explore various methods of early detection of depression based on machine learning and PHQ9 based test.
- Technology Used: Machine Learning Concepts, Python, Flask, HTML, CSS, JavaScript

Rubik's Cube Solver

- This project was developed for learning purposes. It performs **Thistle Thwaite's Algorithm** based on Groups Theory. This program solves a Rubik's cube using axial metric by diving it into no. of groups.
- Technology Used: C++, Visualizer

Skills

- C++ | Data Structures & Algorithms | OOPs | Python | Machine Learning | SQL | JavaScript
- Networking | Linux | Web Development | AWS (EC2, S3, RDS, Route53, VPC etc.) | BackEnd
- Inter-Personal Skills : Quick Learning | Conflicts & Problem Solving | Ability to work under Pressure

Internship

Tathastu Data Science & Machine Learning Scholar Intern

- Performed Exploratory Data Analysis on Real-World Datasets and Developed a model to extract and represent the knowledge gained from the Data.
- Implemented a regression model to predict and visualize trends and also a classification model for Spam detection.

Achievements

- 3 * Codechef | 5 * on HackerRank in Problem Solving, C++, Python, SQL
- Secured a global rank of 99 among 17k+ participants in DIV 3 contest on Codechef

Certifications

- C++ | Problem Solving (Intermediate) | Python | Machine Learning with Python
- Ethical Hacking with Python Scripting | Complete Web Development Bootcamp

Area of Interest : Cybersecurity | Nano-Technology | Robotics | Astrophysics

 [LeetCode](#)



[CodeChef](#)



[CodeForces](#)



[HackerRank](#)