Mayank Rawat

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EDUCATION

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
B.E. in Computer Science
2020-2024 | Patiala, IND
Cum. GPA: 9.50 / 10.0

M. M. PUBLIC SCHOOL
CBSE | Gurugram, IND
HSC(2019-2020): 95.66%

M. M. PUBLIC SCHOOL
CBSE | Gurugram, IND
SSC(2017-2018): 93.0%

LINKS

Github:// **MayankRawat06**
LinkedIn:// **mayankrawat06**
LeetCode:// **mayank0806**
CodeChef:// **mayankrawat06**
HackerRank:// **mayank_rawat6802**

SKILLS

DSA and Problem Solving

PROGRAMMING
C • C++ • Python • Swift • R
HTML5 • CSS • JavaScript

FRAMEWORKS
BootStrap • React.js • Next.js
Node.js • Tailwind.css

DATABASES
mySQL • PL/SQL

TOOLS AND TECHNOLOGIES
Git • Github • Android Studio
Xcode • Shell

PACKAGES AND LIBRARIES
NumPy • Pandas • BeautifulSoup
Scikit-Learn • Matplotlib • Seaborn

CERTIFICATIONS

DATA STRUCTURES AND ALGORITHMS
Coding Ninjas • 2022

SWIFT FUNDAMENTALS
Pluralsight • 2021

C++ 17: BEYOND THE BASICS
Pluralsight • 2021

PROJECTS

MONKEYPOX DETECTION
Random Forest Classifier, Gaussian Naive Bayes, XGBoost, K-Neighbours
- Detected the MonkeyPox infection in the patient based on symptoms.
- Implemented various classifier algorithms and compared the results.
- Conducted extensive Exploratory Data Analysis on the dataset to derive insights.

WINE QUALITY PREDICTION
Random Forest Classifier, Random Forest Regression, Linear Regression

- Predicted quality of red and white wine samples based on physicochemical tests.
- Implemented Random Forest Classifier, Random Forest Regression, and Linear Regression and compared the results.
- Implemented Isolation Forest for anomaly detection in the dataset.

Z-BLOG
React.js, React Hooks, react-router

- Users can add, delete and search blogs.
- Built a custom react hook to process incoming data from the database.

EVENT.LY
HTML, CSS, JavaScript, Bootstrap, MySQL, PHP, BeautifulSoup

- Developed a system that let users find the ongoing events around them, listed on various platforms, all in one place.
- Utilized web scraping using BeautifulSoup Library of Python to fetch the description of an event from specific platforms.

POSITION OF RESPONSIBILITIES

THAPAR ACM STUDENT CHAPTER | Alumni Cell
Jan 2021 - Present | Thapar University, Patiala

- Organised Alumni speaker sessions to guide students on various topics.
- Collaborated with team to develop a website for upcoming events.

INDIAN INSTITUTE OF CHEMICAL ENGINEERS | Technical Department
Jan 2022 - May 2022 | Thapar University, Patiala

- Developed society website and engaged in discussion for further improvements.
- Facilitated monthly technical workshops and webinars with over 1000 participants.

M.M. PUBLIC SCHOOL | Headboy
Aug 2019 - March 2020 | Gurugram, Haryana

- Organised inter-school events and competitions.
- Reported directly to the Principal about ongoing events in school.