Abhishek Kumar Kashyap

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EDUCATION

Madan Mohan Malaviya University of Technology   **Jul 2021 - May 2025**

Bachelor of Technology (Computer Science and Engineering)]
- 7.27/10

Modern Era Public School   **May 2019**

Class XII (CBSE)
- 91%

Modern Era Public School   **May 2017**

Class X (CBSE)
- 95%

SKILLS

Languages	C/C++, Java, Javascript, Python
Framework	Reactjs, Expressjs, Nodejs, Mongodb, TailwindCSS, MaterialUI
Tools/Technology	Git/Github, VSCode Wordpress
Course Work	Data Structure Algorithms, DBMS, OOPS, Computer Networks, Operating System, Software Engineering

Coding Platforms

Leetcode	Solved 550+ questions.100days leetcode and 50days leetcode badge.Max streak of POTD is 115days.
Codechef	Solved 200+ questions and 3 star
GFG	Solved 250+ questions
Codeforces	Max rating 1107

ACADEMIC PROJECTS

House-Price-Predicter
- Developed a Linear Regression-based model using scikit-learn to predict real estate prices based on location, square footage, number of bathrooms, and BHK.
- Utilized GridSearchCV with ShuffleSplit cross-validation to compare Linear Regression, Lasso, and Decision Tree models, optimizing parameters for the best performance. Achieved a best score of 0.85 for Linear Regression.
- Designed a function to predict house prices dynamically based on user input, handling categorical location data, and ensuring scalability for real-world applications.

Predicting Heart Disease
- Anattempt to build a machine learning model capable of predicting whether or not someone has heart disease based on their medical attributes.
- Achieved 89% accuracy by using Logistic Regression model. Model evaluation using Python.

Players Face Detector
- Built a Python-based player face detection system using OpenCV and Haar Cascades for sports analytics.
- Implemented real-time face detection in live video streams for dynamic player recognition.
- Applied computer vision techniques to enhance face detection accuracy using pre-trained models.

SvasthaChain
- Developed a comprehensive Medical Health Dapp using Solidity and Hardhat for smart contract development.
- Utilized Next.jsand Context API to create a responsive and user-friendly frontend interface, enhancing the overall user experience and accessibility.
- Integrated Web3 providers to enable seamless interaction between the blockchain and the frontend.

CERTIFICATIONS and ACHIEVEMENTS

- Secured a remarkable 12th position among 10,000+ participants in the GFG Job-a-thon Challenge,21st September 2023.
- Global 122th rankin CodeChefStarters 127 (27thFebruary2024).
- 4121th global rank among 37,000+ participants in LeetCode WeeklyContest 402.
- C++ : Completed a 12-week course offered by NPTEL, covering fundamental machine learning concepts and techniques.