

SUMIT NAUTIYAL

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Education

Graphic Era Hill University <i>B. Tech in Computer Science Engineering — CGPA: 8.38/10</i>	Sep. 2021 – 2025
St. Kabeer Academy <i>C.B.S.E (Class XII), Aggregate: 94%</i>	2021
Army Public School <i>C.B.S.E (Class X), Aggregate: 91%</i>	2019

Technical Skills

Core: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Operating System, Machine Learning, Deep Learning, Web Development.

Languages: C++ (Expertise), C, JavaScript, Java, SQL, Python.

Technologies/Frameworks: ReactJS, Express, NodeJS, Pandas, Scikit Learn, TensorFlow, Keras, MongoDB.

Projects

[GitHub](#)

MediAid LINK	May'2025
<ul style="list-style-type: none">Developed an intuitive doctor appointment booking platform, enhancing accessibility and convenience.Enabled users to schedule appointments and conduct real-time video consultations with doctors.Integrated MERN stack and WebRTC for seamless scheduling and high-quality video calls.	
Suicide Prediction – Natural Language Processing LINK	Nov'2024
<ul style="list-style-type: none">Engineered a suicide analysis and prediction model identifying individuals in distress with over 90% accuracy.Utilized Pandas, NumPy, Scikit Learn, Matplotlib, Python for efficient development.	
Potato Leaves Disease Detection-Deep Learning LINK	Feb'2024
<ul style="list-style-type: none">Engineered a potato leaves disease detection system, surpassing an 85% accuracy threshold.Enhanced agricultural health monitoring by integrating user-friendly automatic screening, which improved disease spotting, optimized resource utilization, and increased diagnostic precision.Utilized TensorFlow, Keras and Matplotlib libraries.	
Disease Prediction-Machine Learning LINK	Nov'2023
<ul style="list-style-type: none">Achieved more than 90% accuracy in predicting various diseases.Implemented advanced ML algorithms such as Random Forest, Naive Bayes, SVM, and Decision Tree; analyzed a 30% improvement in model precision and cut data processing costs by 20%Designed a user-friendly interface with Stream lit, increasing efficiency by 30%.	

Competency And Extra Curricular Activities

LeetCode: Solved **800+** problems, Contest Ranking of **1630+**. | [PROFILE](#)

CodeChef: Contest Ranking of **1450+**, Best Contest Rank of 255 in div 3 contest. | [PROFILE](#)

Sports: Played an integral role as a member of the school football team in over 10 matches, demonstrating teamwork and dedication. Additionally, led the team in college tournaments as captain for three consecutive years.

Hackathon: Engaged in a 24 hours hackathon 2023, collaborated with a team of 5 and created a tourism website for Uttarakhand using advanced technologies like MERN.

Courses and Training

- Salesforce Supported Virtual Internship Completion | [Link](#)
- Complete A.I. & Machine Learning,- Udemy | [Link](#)
- Graphs Camp by Codeforces Master Algo University | [Link](#)