

Ankush Kumar Ojha

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SKILLS

Languages:	C++, Python, C, Java, R
Tools:	Docker, Jenkins, Postman, Git/GitHub, Tableau, Microsoft Excel
Soft Skills:	Adaptive learner, Strong communication, Leadership capability
Platforms:	PyCharm, Jupyter Notebook, Vs Code, IntelliJ IDEA, Cursor

TRAINING

Summer Training (GeeksForGeeks)	May 24 – Aug 24
Data Structure and Algorithm using C++	
<ul style="list-style-type: none">Completed a comprehensive training program focusing on DSA principles using C++.Gained proficiency in fundamental and data structures, including arrays, linked lists, trees, and graphs.I gained expertise in DSA concepts and applied them in real-world projects.	

PROJECTS

N-Queen Visualizer React.js, JavaScript, Backtracking Algorithms	June 24 – Aug 24
<ul style="list-style-type: none">Developed an interactive N-Queen problem visualizer to dynamically demonstrate backtracking algorithms, allowing users to observe the step-by-step placement of queens on the board.Implemented intuitive user controls such as play, pause, and step-by-step execution, making algorithm learning more engaging and interactive.Utilized efficient data structures to optimize board state representation, ensuring smooth and accurate visualization of the algorithm.Strengthened expertise in front-end development, algorithm visualization, and UI responsiveness.	
Credit Card Fraud Detection Machine Learning, Python, Logistic Regression	Nov 24 – Feb 25
<ul style="list-style-type: none">Built and optimized a logistic regression-based ML model achieving 87% accuracy in detecting fraudulent transactions.Reduced false positives by 16% through advanced feature engineering and hyperparameter tuning.Addressed class imbalance using under-sampling and ensemble methods, improving performance by 15%.Enhanced model efficiency by 23% and overall accuracy by 6%, ensuring effective fraud prevention with minimal computational overhead.	

ACHIEVEMENTS

- Solver Around 250 problems on leetcode
- Ranked among Dean's top 10% students at the university
- Achieved top 20% ranking in various online coding contests
- Solved over 400+ algorithmic problems across platforms like LeetCode and GeeksforGeeks

CERTIFICATES

IBM DevOps and Software Engineering Specialization – IBM	Nov 2024
Programming in C++: A Hands-on Introduction – Coursera	May 2023
Dynamic Programming, Greedy Algorithms – Udemy	Nov 2023
Python (Basic Level) – HackerRank	Oct 2022

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Aug 22 – Present
Computer Science and Engineering	
Course: Object Oriented Programming, DSA, Computer Networks, DBMS	
JEAN Paul's High School Ara	Ara, Bihar
Intermediate	Mar 21 – May 22
PCM	
JEAN Paul's High School Ara	Ara, Bihar
Matriculation	Mar 19 – May 20