

Aditya Kumar

LinkedIn: [linkedin.com/in/aditya-kumar](https://www.linkedin.com/in/aditya-kumar)

Github: github.com/adityakumar

Email: adika6410@gmail.com

Mobile: +91-7292889428

SKILLS

Languages: C++, Java, C, Python

Frameworks: HTML, CSS, JavaScript

Tools/Platforms: MySQL, R, Tableau, MS Excel, Git, VS Code

Soft Skills: Team Player, Problem Solving, Project Management

PROJECTS

Machine Learning-Based Breast Cancer Diagnosis in R

Oct 24 - Nov 24

- Analyzed breast cell biopsy images by extracting features such as size, shape, and texture of cell nuclei to classify tumours as malignant or benign.
- Applied multiple machine learning algorithms to predict cancer diagnosis, including KNN, Naive Bayes, Decision Trees, Regression models, KNN Clustering, and Neural Networks.
- 15% more accurate cancer diagnoses thanks to algorithm optimisation

Sales Analytics Dashboard in Tableau

Aug 24 - Sept 24

- Developed an interactive Tableau dashboard to track sales, profit, discount, and quantity trends across various dimensions such as region, category, and customer segment.
- Integrated and cleaned sales data, ensuring accurate insights from fields like Order ID, Ship Mode, Customer Details, Product Category, and Sales Figures.
- Reduced data processing time by 20% by cleaning and structuring raw sales data in Tableau.

LEAF Association Website

Aug 22 - Nov 22

- Developed a responsive and interactive website for LEAF Association, a hypothetical NGO, using HTML, CSS, and JavaScript, providing details about its mission, activities, and contribution opportunities.
- Designed a user-friendly frontend interface with smooth navigation and engaging UI, incorporating interactive features using JavaScript to enhance user experience.
- Hosted and managed the project on GitHub, ensuring version control and seamless collaboration.

SUMMER TRAINING

Geeks for Geeks (EdTech)

Mar 24 - May 24

Data Structure and Algorithm

- Completed Data Structures and Algorithms Self-Paced Course from GeeksforGeeks, covering arrays, linked lists, trees, graphs, and dynamic programming.
- Gained hands-on experience by solving coding problems commonly asked in technical interviews.
- Enhanced problem-solving skills and optimized algorithmic thinking for competitive programming and software development.

CERTIFICATES

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|---|-----------------|
| • Software Testing NPTEL | Jun 24 - Dec 24 |
| • Supervised Machine Learning: Regression and Classification Coursera | Aug 24 - Oct 24 |
| • Data Analysis with Tableau Coursera | Jul 24 - Sep 24 |
| • DSA Self Paced Geeks For Geeks | Mar 24 - May 24 |
| • Programming in C++: A Hands-on Introduction Coursera | Nov 23 - Feb 24 |

ACHIEVEMENTS

- Leetcode Global Rank (2025)**
Ranked 1,176,514 worldwide, continuously resolving issues to improve problem-solving and DSA skills.
- Participated in Smart India Hackathon(SIH):**
Among 60+ teams in 40k+ students in University
Dec 24
- One among S1 top 40 % students at University:**
For good academic performance and extra-curricular activities at University
- One India Cultural Festival, Lovely Professional University**
Secured 2nd runner-up position among 25+ teams, competing against thousands of students from diverse backgrounds..
Mar 24

EDUCATION

- | | |
|---|---|
| • Lovely Professional University
<i>Bachelor of Technology - Computer Science and Engineering; CGPA: 6.13</i> | Punjab, India
Since August 2022 |
| • P.P.M
<i>Intermediate; Percentage: 70.2%</i> | Singrauli, Madhy Pradesh
April 2021 - March 2022 |
| • Christ Jyoti Sr Sec School
<i>Matriculation; Percentage: 64.96%</i> | Jehanabad, Bihar
April 2017 - March 2018 |