Aditya Kumar

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Profile Summary

. Currently pursuing a Master of Computer Application At Jawaharlal Nehru University, New Delhi and completed B.Sc in Computer Application from Patna Science College, Patna University.

. Proven expertise in Java, C, Python, HTML, CSS, JavaScript and SQL.

. Successful projects include a Railways Management System, ATM Simulation, Portfolio Website, General Billing System, and Disease Prognosis System using machine learning.

. Proficient in Object-Oriented Programming, Data Structures, Algorithms, DBMS ,Machine Learning, cloud Computing and Operating System.

. Skilled in Leetcode and GeeksforGeeks coding challenges. Fluent in Hindi and English.

. With strong communication and problem-solving skills, seeking opportunities to leverage technical expertise and collaborative abilities in a dynamic environment.".

Education

Jawaharlal Nehru University New Delhi |2022-24	**A. N College, Patna, Bihar |2015-17**
Master of Computer Applications; 6.5/9.0 C.G.P.A.	Intermediate; 76.2%
Patna Science College, Patna , Bihar |2018-21	**Cambridge Public School, NaubatPur, Patna |2013-15**
B.Sc(H) in Computer Applications; 79.83%	Matriculation; 10 C.G.P.A.

Projects

Railways Management System | SQL | MySQL |
. Designed and implemented a comprehensive Railway Management System using SQL ,ensuring efficient data storage, retrieval, and seamless operations for scheduling, ticketing and passenger information.
• Demonstrated data manipulation, integrity enforcement, and efficient data retrieval through sample queries.
• Project Link - Railways_Management_System

ATM MACHINE SIMULATION | C |
• Developed a comprehensive ATM machine simulation as a solo project, implementing core banking functionalities in C to simulate real world ATM interactions.
• Project Link - ATM_Simulation_System_Project

PORTFOLIO WEBSITE | HTML | CSS | JavaScript |
• Developed a sophisticated Portfolio website using HTML, CSS, and JavaScript, incorporating responsive design and Seamless user experience.
. Project Link - Portfolio_Websites

GENRAL BILLING SYSTEM | Java |
. Developed a dynamic General Billing System using Java, contributing to efficient invoice generation and financial tracking .
. Leveraged Java's object-oriented features to create modular code, allowing for easy extension and maintenance of the billing system's features.
. Project Link- General_Billing_System_Project

DISEASE PROGNOSIS SYSTEM | Python | Machine-Learning |

. Designed and implemented a predictive model utilizing decision tree algorithm, a pivotal component in disease prognosis. Fine tuned hyper parameters for optimal performance and accuracy.

. Project Link- Disease_Progonosis_System

Skills

- **Programming Languages:** JAVA, C , C++, HTML, CSS, JavaScript, SQL
- **Developer Tools:** Visual Studio, GitHub, MySQL.
- **Courses**: Object-Oriented Programming, Data Structures and Algorithms, DBMS , OS , CA , Computer Networks, Machine learning,NLP, Cloud-Computing
- **Soft skills**: Effective Communication, Analytical Problem Solving , Adaptability to new Technologies, Team collaboration and Time management.
- **Language**: Hindi (Native), English (Professional) .

Achievements and Position of Responsibility

- **AIR 18** in JNU Entrance Exam 2022 session
- **MaharastraCET(2021) :** MCA entrance 99.84 percentile

Coding Profile

- Leetcode_kaditya125_kishore
- GfG -user/kadityasxq5