

Nishant Kumar

Bhubaneswar, Odisha, India | +91 9102200152 | nishantr846@gmail.com

[GitHub](#) | [LinkedIn](#) | [LeetCode](#)

Highly analytical and committed to continuous learning, I am passionate about leveraging my expertise in Data Structures and Algorithms (DSA) and my proficiency in C++ to contribute to impactful projects at Deloitte. With hands-on experience in machine learning projects and a solid foundation in Java, I am excited to bring my skills to a dynamic and innovative consulting environment. My technical background, combined with my problem-solving abilities, positions me to offer valuable insights and solutions in the consulting field. I am eager to apply my knowledge and enthusiasm to support company's mission and contribute to its success.

Projects

- [Spam Mail Prediction ML Model](#)
Developed a machine learning model in Python using libraries such as scikit-learn, NumPy, and pandas to predict whether an email is spam or not.
Utilized supervised learning techniques and feature extraction to train the model, achieving accurate classification results.
Implemented data preprocessing and model evaluation to ensure robustness and reliability.
- [Connect Four Games](#)
Developed a Connect Four game in C++ with an interactive command-line interface.
Implemented game logic, including player moves and win conditions, using a 2D vector for the grid.
Created functions to check for horizontal, vertical, and diagonal wins.
Enhanced user experience by providing real-time feedback and clear prompts.
Utilized Enum classes for managing player turns and game state efficiently.
- [Sudoku Solver](#)
Developed a Sudoku Solver in C++ utilizing Data Structures and Algorithms (DSA).
Implemented a backtracking algorithm to solve Sudoku puzzles efficiently.
Handled dynamic memory allocation for adaptable grid dimensions.
Enhanced problem-solving skills with recursive functions and safety checks.
Designed user input handling and grid display for both solved and unsolvable puzzles.

Education

Bachelor of Technology in Computer Science & Engineering KIIT University, Bhubaneswar	Sept '22 - Present CGPA: - 7.72
Senior Secondary in Science (PCM) Sree Ayyappa Public School, Bokaro	May '20 – Apr '22 77.4%

Key Skills

- **Languages:** C/C++, JAVA, Python, SQL, HTML, CSS, JavaScript
- **Tools:** MySQL, Data Structures & Algorithms, Git & GitHub
- **Frameworks:** Scikit
- **Platforms:** Linux, Web, Windows
- **Course works:** Operating System, OOP Concept, DBMS, Discrete Mathematics, Probability & Statistics
- **Soft Skills:** English, Hindi

Certifications

- **The Complete Data Structures and Algorithms Course in Java** June, 2024
Instructors – Md. A. Barik (Udemy)
- **Hack On with Amazon** June, 2024
Issuing Organization: Amazon
- **Python for Machine Learning with NumPy, Pandas & Matplotlib** May, 2024
Instructors – Code Warriors, Mayank Bajaj, Kaustubh Tripathi (Udemy)
- **Ultimate C++ Programming Course** August, 2023
Instructors – Parv Shah (Udemy)