ADARSH KUMAR GUPTA

COMPUTER SCIENCE & ENGINEERING

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Education:

- 10th – ST Xavier's Bokaro Steel City, Jharkhand (ICSE) (2016)
- 12th – ST Xavier's Bokaro Steel City, Jharkhand (ISC) (2018)
- B.Tech(CSE) – Institute of Engineering & Management, Kolkata (2020-2024)

CGPA : 8.95

Skills & Expertise:

- **Programming Languages:** C, C++(Full Proficiency), Java, Python, HTML, JavaScript, SQL
- **Software/Tools:** LTspice, Linux, Microsoft Office, Visual Studio Code
- **Libraries/Frameworks**: STL, Numpy, Pandas, Matplotlib
- **Technical:** Web Development(Frontend)
- **Non Technical:** Teamwork, Leadership, Public Speaking, Problem Solving

Projects:

- **TIC-TAC-TOE-Game | Self Project-I | C++**
  - Using C++, the above project was implemented.
  - Min-Max algorithm was used to make this problem easier, which is a kind-of Backtracking.
- **Bakery Shop Management System | Self Project-II | C++**
  - Developed bakery management system with login/registration feature using C++ STL with implementation of OOPs.
  - Application lists all the items contain string entered by a user as a subsequence in ascending serial order numbers.
  - It displays the product selected by the user along with their total amount, and it also asks the user for the feedback.
- **IDE Design**
  - Developed an IDE which provide a feature where the users can code and test their working.
  - Technologies used -> React.JS, Node.JS, MongoDB

Coursework Information:

- **Core Courses:** Data Structures & Algorithms, Operating System, Discrete Mathematics, Computer Organisation & Architecture, Database Management System, Oops
- **Lab Courses:** Data structures & Algorithms Lab, Design and Analysis of Algorithms Lab, Database Management System Lab, Compiler Design

Achievements:

- Secured **ALL INDIA RANK**- 1277 in **WBJEE 2020.**
- Solved 700+ problems on Leetcode, CodeChef, GFG, & various other platforms.