

MOHD ARSHIL AZIM

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Technical Skills/Strengths

Languages: C++, Java, HTML/CSS, JavaScript, SQL

Libraries and Frameworks: React

Developer Tools: Git, GitHub

Coursework: Data Structures Algorithms (DSA), Operating Systems, Database Management Systems (DBMS), Object-Oriented Programming (OOP)

Projects

Sorting Visualizer — *React.js, Algorithms*

December 2024

- Prepared an interactive sorting algorithm visualizer using React.js, allowing users to visualize different algorithms like Merge Sort, Quick Sort, and Bubble Sort.
- Implemented a dynamic user interface with real-time sorting animations, improving algorithm learning experiences.
- Optimized the application for performance, ensuring smooth transitions and efficient DOM manipulation even with large data sets.

Food Delivery Website — *React.js*

September 2024

- Developed a feature-rich food delivery website using React.js and Redux, implementing a responsive and user-friendly interface.
- Integrated advanced cart functionality, allowing users to add, remove, and update items dynamically, while ensuring seamless state management.
- Enhanced the user experience by optimizing the performance of the cart and checkout processes with efficient Redux state handling and API calls.

Snake Game — *Java, AWT, Swing*

April 2024

- Implemented a Snake Game with Java Swing, handling over 100 user sessions and updating snake movement every 100 milliseconds using a timer.
- Built a collision detection system to track wall and self-collisions, leading to the end of the game and displaying a "Game Over" screen.
- Achieved over 95 percent code coverage, ensuring high reliability, smooth gameplay, and increasing player engagement by 50 percent.

Achievements

- Solved 410+ DSA questions on LeetCode and over 550+ DSA problems across various coding platforms.
- Achieved a 1500+ rating (2-star) on CodeChef, consistently ranking in the top 10% in monthly contests.
- Attained a 1640+ rating on LeetCode, solving problems across a variety of difficulty levels, improving accuracy by 30% over time.
- Qualified for the first round of the Adobe GenSolve Hackathon, organized in collaboration with GeeksforGeeks, among the top 5% of participants.

Extracurricular Activities

Member of Newton Coding Club

- Led and managed a team of 25+ members, increasing club membership by 40%.
- Coordinated 12+ successful events, including virtual webinars and in-person meetups, improving engagement rates by 25%.

Certifications

- Complete Interview Preparation by GeeksforGeeks, covering over 100 hours of DSA, algorithms, and problem-solving techniques.
- Cleared HackerRank Intermediate Problem Solving Test, scoring in the top 15%.
- Completed Generative AI with Large Language Models by Coursera, mastering AI concepts and practical use cases.

Education

Lovely Professional University

Sep. 2022 – May 2026

Bachelor of Technology in Computer Science - CGPA- 7.79

Phagwara, Punjab

Maa Dugra Ji Vidyalaya

April 2021

Class XII- 80.8%

Jaunpur, UP