

Radhika Sharma

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Trainings

Comprehensive training on Competitive Programming:

January 2025

- Practiced in competitive programming, tackling complex algorithmic challenges on platforms like LeetCode improving proficiency in data structures, dynamic programming, graph theory, and problem-solving under time constraints.

Completed training on Data Structures and Algorithmic problem solving:

June 2024

- Solved Data Structures and Algorithms (DSA) problems on Ebox, enhancing problem-solving with optimized coding techniques and time/space complexity.

Projects

BattleArena, A gaming tournament hosting website | HTML5, CSS3, JS(ES6), Node.js, MongoDB

April 2024

- Engineered a highly responsive web application using HTML5, CSS3, Node.js, and Express.js, achieving a 95% user satisfaction rate and supporting 10,000+ concurrent users with minimal latency.
- Structured and fine-tuned a NoSQL database using MongoDB and Mongoose, managing over 100,000 records, and integrated a tournament management system, enhancing data retrieval speed by 25% and reducing bugs by 50%.
- GitHub :** <https://github.com/Radhikabhardwaj1234/BattleArena>

MyShopManager, Ease the Work of Shopkeeper | HTML5, CSS3, JS(ES6), Node.js, MongoDB

January 2024

- Constructed a fully responsive and mobile-friendly web design using HTML5, CSS3, and JavaScript, resulting in a 90% user satisfaction rate, a 35% increase in user engagement, and a 15% boost in interaction through enhanced visual appeal and interactivity.
- Crafted an intuitive interface and visually appealing layouts, improving user retention by 50% and increasing time spent on site by 40%, while ensuring cross-browser compatibility across 5 major browsers through thorough testing.
- GitHub :** <https://github.com/Radhikabhardwaj1234/MyShopManager>

FarmWise, an AI-Powered Crop Suggestion Tool | ReactJS, NodeJS, MongoDB, OnDemand

December 2024

- Developed an intelligent web application using OnDemand platform, enabling farmers to receive AI-driven crop recommendations based on soil type, climate, and location, improving yield predictions by 30%.
- Composed a streamlined interface using React.js and Node.js, ensuring a seamless experience for farmers, while integrating real-time weather APIs and soil databases to enhance accuracy and provide tailored recommendations.
- GitHub :** <https://github.com/Radhikabhardwaj1234/FarmWise>

Achievements

- Solved 200+ coding problems on Leetcode. January 2025
- Currently on a 100+ days streak with 300+ submissions on Leetcode. January 2025
- Ranked 148 out of 7000 in CSE department in college for good academic performance. January 2025

Skills

Technical Skills: Java, HTML5, CSS3, JavaScript(ES6), ReactJS, Node.js, Express, MongoDB, Bootstrap, Git

Soft Skills: Problem-solving Skills, Communication Skills, Creative thinking , Team Player

Education

Lovely Professional University

Bachelor of Technology (CSE), CGPA: 8.61

2022 - Present

Jalandhar, Punjab

A.N. International School

Xth: 91.4%, XIIth: 94.3%

2021

Bijnor, Uttar Pradesh