

## Asmit Kumar

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## Projects

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

April 2024

- Developed and maintained 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.
- Designed and optimized a NoSQL database using MongoDB and Mongoose, efficiently managing over 100,000 records, and implemented a tournament management system, enhancing data retrieval speeds by 25% and reducing bugs by 50%.

### 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%.
- Designed an intuitive user interface with 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.
- Implemented a robust backend with MongoDB for efficient data storage and retrieval, optimizing performance by 40% and ensuring scalability to support thousands of users with minimal latency.

### Sports Club Website | HTML5, CSS3, JavaScript(ES6)

November 2023

- Developed 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.
- Designed 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.

## Achievements

Solved 109 coding problems on Leetcode.

January 2025

Solved 84 coding problems with a coding score of 225 on GeeksForGeeks.

January 2025

Ranked 15 out of 7000 in CSE department in college.

October 2022- Present

Academically ranked according to CGPA.

Cleared JEE Mains and Advanced with considerable ranking.

October 2022

Under 4k rank in JEE Mains and 10k rank in JEE Advanced.

Consistently maintained strong academic performance since secondary school.

March 2019

Been in top 20 students of India in Xth standard and top 50 students in India in XIIth standard CBSE Examinations

## Trainings

### Comprehensive training on MERN Stack development:

Dec 2023

- Gained hands-on experience in full-stack web application development, RESTful APIs, user authentication, MongoDB database management, React.js UI design, Redux state management deployment using Git and hosting platforms like Vercel, Netlify and Render.

### Completed training on Data Structures and Algorithmic problem solving:

Dec 2023

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

## Skills

**Technical Skills:** Java, C, 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

2022 - Present

Bachelor of Technology (Computer Science and Engineering); CGPA: 9.16

Jalandhar, Punjab

### A.N. International School

2021

Xth: 98.4% , XIIth: 99.2%

Bijnor, Uttar Pradesh

