

# Shruti Agarwal

9672610814 | [shrutiagrawal4221@gmail.com](mailto:shrutiagrawal4221@gmail.com) | [linkedin.com/in/shruti-agarwal-b99054263](https://www.linkedin.com/in/shruti-agarwal-b99054263)

## EDUCATION

### Maharaja Agrasen Institute of Technology

*Bachelor of Technology in Computer Science and Engineering*

CGPA: 9.246

*Mar. 2025 – Present*

### Children's Academy Sr. Sec. School

*Higher Secondary Education (Science - PCM)*

Percentage: 96.80%

*Jul. 2019 – May 2021*

## SUMMARY

A 3rd-year B.Tech student with a strong grasp of frontend development and experience in crafting responsive, user-focused interfaces. Currently exploring backend technologies to build scalable full-stack applications. Skilled in problem-solving, with a solid understanding of data structures and algorithms. Passionate about optimizing performance and enhancing user experience through efficient solutions.

## PROJECTS

### MERN Blog App | *MongoDB, Express.js, React, Node.js*

- Built a full-stack blog platform where users can write, edit, and manage blog posts.
- Implemented JWT authentication for secure login/signup, ensuring only authorized users can access certain features.
- Designed a React-based frontend with a clean UI and smooth navigation for an engaging user experience.
- Integrated a MongoDB database to store blog posts, user details, and comments.
- Used bcrypt for password hashing and secured API routes to prevent unauthorized access.
- Enhanced security with password hashing and protected routes.

### Movie Search App | *React, JavaScript, API, Tailwind CSS*

- Developed a responsive movie search application using an external API to fetch movie details.
- Implemented features to add movies to a personal watchlist, rate movies, and view previous ratings.
- Displayed movie details, including description, author, and other relevant metadata.
- Designed a visually appealing UI using Tailwind CSS for an enhanced user experience.

### Flower Fusion Website | *HTML, CSS*

- Created a visually stunning and responsive website for selling flowers.
- Designed an elegant UI with smooth animations and an intuitive user experience.
- Showcased different flower categories with beautifully crafted sections.
- Ensured mobile responsiveness for seamless browsing across devices.

## TECHNICAL SKILLS

**Programming Languages:** Python, C/C++, SQL (basic)

**Web Development:** HTML, CSS, Tailwind CSS, JavaScript, ReactJS, Node.js, Express.js, MongoDB

**Core Concepts:** Data Structures & Algorithms, OOP, DBMS, Operating Systems

## CODING ACHIEVEMENTS

**LeetCode:** Solved 500+ problems

**CodeChef:** Contest rating - 1100