

# Apeksha Jain

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| LinkedIn Profile | Github Link

## Profile

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### Passionate Problem Solver | Full-Stack Developer | Competitive Programmer

A highly motivated **DSA enthusiast and web developer** with a strong foundation in **algorithms, system design, and full-stack development**. Experienced in tackling **LeetCode & GFG challenges**, actively participating in **coding contests**, and developing impactful projects, including a **professional alumni website**. Proficient in **React, JavaScript, and backend technologies**, with a keen interest in building **efficient, scalable, and user-centric applications**. Constantly striving for **excellence, innovation, and growth** in the tech industry, while staying updated with the latest advancements.

## Skills

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- **Programming Languages:** C++ , JavaScript, Python
- **Web Development:** React.js, HTML, CSS, Node.js
- **Data Structures Algorithms:** Proficient in problem-solving, LeetCode GFG practice
- **Object-Oriented Programming (OOPs):** Strong understanding of OOP principles
- **Databases DBMS:** MySQL, MongoDB, Relational Database Concepts
- **Tools Platforms:** Git, GitHub, VS Code, Linux

## Education

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**Atal Bihari Vajpayee Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior**

2023 – 2028

Integrated B.Tech + M.Tech in Information Technology

- Current CGPA: [6.01/10]
- **Relevant Coursework:** Data Structures Algorithms, Database Management Systems, Computer Networks, Operating Systems, Theory of Computation, Graph Theory etc.

## Projects

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### Professional Alumni Website, ABV-IIITM

- Designed and developed a professional alumni website to enhance alumni-student interactions and networking.
- Implemented secure authentication, profile management, and real-time updates using **React, Tailwind, MongoDB, Express, and Node.js**.
- Integrated a **chatbot** to assist users with queries related to alumni events, job postings, and networking opportunities.
- Developed a college-specific authentication system that verifies alumni using their **institutional email ID**, ensuring only ABV-IIITM alumni can access the platform.
- Added batch-year identification, allowing alumni to be categorized by their graduation year.
- Optimized database queries and API responses, improving load times by **40%**.

### E-Commerce Website

- Designed and developed a basic e-commerce platform featuring user authentication, product catalog, cart management, and secure checkout.
- Built using **HTML, CSS, and JavaScript**, ensuring a responsive and interactive user experience.
- Developed as a **practice project** to strengthen front-end development skills and understand core e-commerce functionalities.

### Tic-Tac-Toe Game

- Developed an interactive and responsive **Tic-Tac-Toe** game using **HTML, CSS, and JavaScript**.

- Implemented dynamic UI updates and turn-based game logic for a smooth player experience.
- Added score tracking and a reset feature for continuous gameplay.

#### **Stone-Paper-Scissors Game**

- Designed and developed an engaging **Stone-Paper-Scissors** game with an AI-powered opponent using **HTML, CSS, and JavaScript**.
- Integrated a random choice generator to simulate real-time AI decision-making.
- Implemented an interactive UI with animations for an enhanced user experience.

#### **Imagify - AI-Powered Image Generation Processing Tool**

- Developed **Imagify**, an AI-powered image generation and processing tool that enables users to create, edit, and enhance images with various effects.
- Implemented **secure user authentication** using Firebase Auth for personalized experiences and activity tracking.
- Designed a **credit-based system**, offering limited free generations with the option to purchase premium credits.
- Built using the **MERN stack (MongoDB, Express, React.js, Node.js)** and integrated **Flask-based AI models** for efficient image processing.
- Enabled **real-time image rendering** with support for multiple file formats, high-resolution outputs, and advanced image compression techniques for optimized performance.

### **Participation & Achievements**

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- Participated in **WE Women Talent, Flipkart Grid, GSSoC, LinkedIn Coaching Program, Uber She++**, and other national-level coding contests.
- **Active contestant** on **LeetCode & CodeChef**, solving complex problems and competing regularly.
- Member of the **Rotaract Club**, actively contributing to social and technical initiatives in college.
- Volunteered in **Aurora's 24 Fest, Infotsav Tech Fest, and Clesta Fest**, assisting in event organization and coordination.
- Earned **50-day, 100-day, and multi-month milestone streak badges** on **LeetCode**.
- Selected as a **Mentee at Codess Cafe**, learning under industry experts and enhancing technical skills.
- Currently contributing to **Unstop Talent Park**, engaging in hands-on projects and challenges.
- Actively participate in **competitive programming, coding quizzes, and technical hackathons**.