

# AAYUSH SINGH

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [GeeksforGeeks](#)

## ABOUT

Computer Science undergraduate (B.Tech, 3rd Year) with hands-on experience in full-stack web development using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in Data Structures and Algorithms with active competitive programming practice on LeetCode and GeeksforGeeks. Built and deployed AI-integrated web applications with a focus on performance, scalability, and user experience. Experienced in organizing technical events and collaborating in team-based environments. Seeking a software development internship to apply and expand skills in backend development, frontend engineering, or full-stack roles.

## EDUCATION

### KCC Institute of Technology and Management

B.Tech in Computer Science & Engineering | 3rd Year, 6th Semester

Noida, UP

CGPA: 7.3

## TECHNICAL SKILLS

**Languages:** C++, Python, JavaScript (ES6+), HTML5, CSS3

**Frameworks & Libraries:** React.js, Node.js, Express.js, REST APIs

**Databases:** MongoDB, SQL (basics)

**Tools & Platforms:** Git, GitHub, VS Code, Postman

**Core Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Problem Solving, SDLC

## PROJECTS

**Leetify** — Full-Stack Web Application | MongoDB, Express.js, React.js, Node.js, AI Integration

- Designed and developed a full-stack MERN coding practice platform supporting user registration, problem solving, and performance tracking
- Integrated AI-driven analytics to generate personalized insights on coding strengths and weaknesses, improving user learning efficiency
- Implemented RESTful APIs using Node.js and Express.js with MongoDB as the primary database for user data and problem sets
- Built responsive frontend using React.js with state management, routing, and dynamic dashboards for competitive programming practice

## CERTIFICATIONS

**Data Structures & Algorithms** — PW Skills | September 2024

Credential ID: 424c419a-3f76-432c-9cdc-fd32742e342c

**Internet of Things (IoT)** — Softpro India Computer Technologies (P) Ltd. | July 2024

Credential ID: 4023

## EXTRACURRICULAR ACTIVITIES

- Co-organized 2 college-level hackathons — managed end-to-end event logistics, team coordination, and participant onboarding
- Active member of Voyagers — the official coding club of KCCITM — contributing to technical events and peer learning initiatives
- Participated in 5 hackathons, with experience in rapid prototyping, problem decomposition, and cross-functional team collaboration