

ANSH KUMAR

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EDUCATION

B.Tech, Computer Science and Engineering

Lovely Professional University, India

Aug 2022 - present

CGPA: 8.13

SKILLS

Programming Language

C/C++, JavaScript, Python, SQL, PHP, Java

Technologies

NodeJS, ExpressJS, ReactJS, MongoDB, Git, Tailwind, Postman, FIGMA

Concepts

Computer Networks, Operating Systems, Database Management Systems, Object Oriented Programming, Data Structure and Algorithms

EXPERIENCE

Problem Setter Intern

CodeAsylums

Dec 2024 - present

Remote, India

- Designed and implemented **complex algorithmic challenges** for coding contests, focusing on **data structures and algorithms** to enhance problem-solving skills among participants.
- Developed **automated test case generation** using Python scripts to create diverse edge cases, validate solutions, and ensure problem accuracy.
- Optimized problem validation workflows, reducing manual effort and improving contest reliability.
- Technologies: **C++, Python.**

PROJECTS

Scholar Suites (Room Finder Website)

- **Problem Solved:** Developed a **centralized platform** to help students and scholars **search, book, and list rooms**, streamlining the accommodation process for greater efficiency.
- **Impact:** Optimized **MongoDB queries** for **30% faster room discovery**, facilitated **peer-to-peer listings**, and **secured user accounts** with bcrypt, ensuring improved data protection.
- **Features Achieved:** Designed a **responsive UI** with intuitive navigation, enabling users to **rate and comment on rooms**, increasing user engagement by **20%**.
- **Tech Stack:** NodeJS, ExpressJS, MongoDB, JavaScript, HTML, CSS, EJS, npm

PawLove (Pet Adoption Website)

- **Problem Solved:** Built a **centralized platform** with **admin and user panels**, streamlining the management and adoption of pets through an intuitive process.
- **Impact:** Empowered **admins** to **add, update, and remove pets**, while allowing **users** to easily browse and adopt pets, optimizing filter functionality for better experience.
- **Features Achieved:** Created a **responsive UI** for managing pet listings and adoption, improving interaction and user satisfaction on both admin and user sides.
- **Tech Stack:** ReactJS, NodeJS, ExpressJS, MongoDB, npm, TailwindCSS

ACHIEVEMENTS

- Secured a spot in the **top 10** in the Webathon competition at college.
- Achieved a **1500+** rating on LeetCode and **1500+** rating on GeeksforGeeks.