

Abhishek Singh

Computer Science Student aspiring to drive technological innovation forward

Github

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India

EDUCATION

- **Pranveer Singh Institute Of Technology** Kanpur, India
Bachelor of Technology - Computer Science (Internet of Things); 73.7% May 2020 - June 2024
- **Central Board of Secondary Education** Kanpur, India
Higher Secondary; Percentage: 74% 2018
- **Central Board of Secondary Education** Kanpur, India
Secondary; Percentage: 95% 2016

SKILLS SUMMARY

- **TECHNICAL SKILLS:** DBMS ,Data Structures and Algorithms , Object Oriented Programming, Operating System
- **Languages/Frameworks:** C/C++, Javascript, Python
- **Frameworks/Tools:** MongoDB/Mongoose, Bootstrap, HTML, CSS, SQL ,Tailwind CSS, Git/Github , linux-based fundamentals, Nodejs, Reactjs

EXPERIENCE

- **Campus Ambassador** Teachnook
Participant July 2022
Gained valuable skills in marketing, communication and networking.

PROJECTS

- **Instagram Clone::** Description: Developed a full-stack Instagram clone, a social media platform for visual content discovery and sharing, using Node.js, Express.js, and MongoDB. **Technologies Used: Frontend: HTML, CSS, JavaScript, EJS. Backend: Node.js, Express.js. Database: MongoDB with Mongoose. Authentication: Passport.js.**
- **Bubble Game:** : I've built the frontend using HTML and CSS, with JavaScript handling the game events. In the game, players aim to burst a specified number of balloons, and upon successful bursting, their score increases. The game runs for a duration of 60 seconds, after which a "Game Over" message is displayed along with the user's final score.
- **Night Patrolling Robot:** : This project involved the development of an autonomous as well as manual robot equipped with various sensors and cameras to monitor and secure a designated area during nighttime hours. I successfully integrated real-time data transmission and remote control capabilities, ensuring efficient surveillance and alerting systems. This project demonstrated my proficiency in hardware and software integration, problem-solving, and project management.

ACHIEVEMENTS

- **LEETCODE RATING 1356:**
- **Solved 600+ Problems:** Submitted on online judges.
- **Solved 300+ Problems:** Brute force and Implement all optimal approaches possible on Leetcode.
- **3 star coder on codechef:** Global Rank 112 in starters 66 Div3
- **5 star:** Problem Solving Skills and Python on Hackerrank
- **4 star:** Python and SQL on Hackerrank

CERTIFICATES

- Lead1x:Exercising Leadership: Foundational Principles — HarvardX,Harvard University
- Developing Soft Skills and Personality— NPTEL
- Basic and Intermediate Problem Solving — Hackerrank

COURSEWORK—UNDERGRADUATE

- Data Structures Algorithms • Operating Systems
- Object Oriented Programming • Database Management System
- Design and Analysis of Algorithms

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Comfortable Working Independently.
- Ability to take initiative to solve problems.