

# YUVRAJ SINGH

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[LinkedIn](#) | [GitHub](#) | [CodeChef](#) | [Hackerrank](#) | [LeetCode](#) | [GFG](#)

## Summary:

Tech IT student with strong foundation in programming (C++, Python, Java), problem-solving, and web technologies. Experienced in building impactful projects and solving 1500+ coding problems across platforms like LeetCode, GFG, and CodeChef. Passionate about learning new technologies and applying them in real-world applications. Open to relocation for hybrid apprenticeship roles.

## EDUCATION

### Bachelor of Technology (B.Tech), Information Technology

Pranveer Singh Institute of Technology (PSIT), Dr. A.P.J. Abdul Kalam Technical University (AKTU)

2022 - 2026 | 74.96%

### 12th Standard (CBSE Board)

Sunbeam school | 2022

### 10th Standard (CBSE Board)

Sunbeam school | 2020

## TECHNICAL SKILLS

- **Languages:** C/C++, Python, SQL, JavaScript.
- **Web Technologies:** HTML5, CSS3, JavaScript, NodeJs, ExpressJs.
- **Database:** MySQL, MongoDB.
- **Frameworks /Tools / Libraries:** Numpy, Pandas, Visual Studio Code, Git, GitHub, STL, GraphQL
- **Courseworks :** Data Structure and Algorithms, Object Oriented programming(OOPs) Database Management System(DBMS), Machine Learning(ML), Deep Learning(beginner).

## PROJECTS

### SMART ATTENDANCE USING FACE RECOGNITION

- Engineered a smart attendance system leveraging facial recognition technology, resulting in 30% increase in tracking accuracy and a significant reduction in manual errors.
- Developed an intuitive web interface for both administrators and users, facilitating real time attendance monitoring and ensuring secure data access, which improved user engagement by 40%.
- Implemented advanced data analytic features, enabling administrators to generate comprehensive reports and analyze attendance trends, leading to more informed decision-making.
- Technology Used : open CV , Python, Machine Learning, SQL

### LIBRARY MANAGEMENT SYSTEM

- Designed and developed a Library Management System with book issuance ,returns and real-time availability tracking.
- Built a dynamic and responsive EJS-based UI with Bootstrap for seamless user interaction.
- Enhanced functionality by storing customer details during issuance for better record-keeping
- Technology Used : node.js ,Express.js, MongoDB ,EJS,Bootstrap.

## ACHIEVEMENTS

- Solved more than **1500+ problems** across multiple online platforms like Codechef ,Leetcode , Hackerrank.
- Attained **4-star rating** on **GFG** and **6-star** in problem solving on **hackerrank**.
- secured a **global rank of 86** in Starter153among 34,000 participants,reflecting strong competitive skills.
- Attained **3-star rating** on **codechef** , and in **top 11.39% in leetcode** .

## CERTIFICATIONS

- **SQL complete Bootcamp Form Basics to advanced :Udemy**
- **The c++ 20 Masterclass : From Fundamentals to Advanced:Udemy**
- **Python course: GUVI**
- **Master Node.js : Udemy**