

# JAYA SHAH

Kanpur(Uttar Pradesh), India

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## Summary

Detail-oriented and motivated Computer Science undergraduate with hands-on experience in full-stack development, problem-solving, and software engineering. Proficient in C++, Java, Python, and JavaScript with a strong grasp of data structures and algorithms. Built real-world projects involving React, MongoDB, and OpenCV, demonstrating ability to work in polyglot environments. Familiar with Git, VS Code, and agile development practices. A quick learner with excellent communication and teamwork skills, eager to contribute to innovative software solutions.

## Education

### Pranveer Singh Institute of Technology

Bachelor of Technology in Computer Science

Nov 2021 – July 2025

Kanpur, Uttar Pradesh

## Experience

### Oasis Infobyte

Web Development Intern

2025

Remote

- Built four frontend web applications including a calculator, tribute page, to-do list, and login system using HTML, CSS, and JavaScript.
- Implemented DOM manipulation, responsive design, and form validation to create dynamic and user-friendly interfaces.
- Strengthened skills in UI structuring, modular coding, and problem-solving through hands-on project execution.

## Projects

### SafeSphere [\[GitHub\]](#) | CNN, LSTM, CLIP Model, Python

2024

- Built a machine learning-based system to monitor crowd density and detect suspicious activity in public transport hubs.
- Developed automated test scripts to ensure real-time monitoring and alert generation.
- Created test cases to assess usability and overall system performance under varying conditions.

### Smart Transaction System [\[GitHub\]](#) | React Native, Kotlin, MongoDB

2023

- Built a financial management app with a real-time overspending monitoring feature and payment locking.
- Conducted manual testing across diverse user scenarios, achieving 80% feature compliance.
- Executed comprehensive functional and usability test cases, identifying and resolving critical UX flaws.

### Face Recognition Attendance System [\[GitHub\]](#) | Python, OpenCV, MySQL

2022

- Led a team to build an AI-powered attendance system using facial recognition.
- Coordinated feature integration and testing to ensure high face detection accuracy and system reliability.
- Performed regression testing and optimized performance for consistent results across updates.

## Technical Skills

**Languages:** C, C++, Java, Python, JavaScript

**Frontend:** React.js, AngularJS, Tailwind CSS, HTML

**Database:** MySQL, MongoDB

**Developer Tools:** Git, VS Code, Postman, Eclipse

## Soft Skills

- Team collaboration
- Effective Communication
- Attention to detail
- Fast Learner

## Certificates

- Problem Solving through C (NPTEL)
- Certification in HTML5 (Infosys Springboard)
- Certification in CSS3 (Infosys Springboard)
- Certification in JavaScript (Infosys Springboard)

## Achievements

- Earned a Gold Badge 5 star in Problem Solving on HackerRank, demonstrating strong analytical & programming skills.
- Secured Rank 3602 in Google Kick Start Round H, a global coding competition hosted by Google.
- Achieved a Global Rank of 1350 in CodeChef Starters 177, outperforming 40,000+ participants.
- Attained a Rank of 4985 among 12,000+ participants in a programming contest on AtCoder.