

Shivendra Singh

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Portfolio | GitHub

PROFILE

Undergraduate engineering student focused on **Data Structures, Algorithms, Competitive Programming, and Frontend Development**. Strong problem-solving skills with hands-on project experience. Seeking first internship opportunities in software development.

EDUCATION

Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing, Jabalpur Jabalpur, India

B.Tech in Electronics and Communication Engineering 2024 – 2028

Current CPI: **8.2** | Qualified **JEE Mains – 98.5 percentile**

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Linear Algebra, Probability

SKILLS

Programming & Technical: C++, Python, Data Structures, Algorithms, HTML, CSS, JavaScript, Machine Learning, Matplotlib

Tools & Platforms: VS Code, Git, GitHub, MATLAB

Soft Skills: Problem Solving, Team Collaboration, Communication, Analytical Thinking, Time Management, Self-Learning, Adaptability

EXPERIENCE

Academic & Project Experience

AI Posture Guide

- Developed an AI-based posture monitoring system using machine learning and computer vision techniques.
- Evaluated posture classification algorithms on **50+ posture samples**.
- Achieved consistent posture detection across multiple test cases through structured analysis.

Quick Teams – Team Formation Platform

- Designed and developed a web-based platform supporting **multiple users** for skill-based team formation.
- Implemented frontend components using HTML, CSS, and JavaScript across **5+ core UI sections**.
- Reduced manual team coordination effort by organizing structured matching workflows.

ACHIEVEMENTS

- Solved **350+ Data Structures and Algorithms problems** across competitive programming platforms.
- Participated in **50+ competitive programming contests**, demonstrating consistency and discipline.
- **CodeChef:** 2★ rated competitive programmer (codechef.com/users/band_mellow_74)
- **Codeforces:** Achieved a maximum rating of **1078** (codeforces.com/profile/singhshivendra1945)