

# Meharjot Singh

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Aspiring AI Engineer and Software Developer with a strong foundation in Machine Learning, AI, and Web Development. Experienced in building scalable applications using React.js and Python. Passionate about developing AI-driven solutions with a focus on real-world impact. Proven success in hackathons and research-oriented projects.

## Education

**Chitkara University**  
*Bachelor of Computer Science Engineering*  
Majors in Artificial Intelligence  
Current CGPA- 8.51

**August 2023 - Present**

## Skills and Interests

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

**Web Development:** React.js, Next.js, Tailwind CSS, Firebase, Node.js

**Machine Learning:** OpenCV, Pandas, Scikit-Learn, NLP

**Databases:** MongoDB, Firebase, MySQL

**Tools & Platforms:** Git, Cloudinary, Render, Google Cloud, ChatGPT, AI

**Problem-Solving:** 270+ problems solved on GeeksforGeeks

## Experience

**ZyrixCraft**  
*AI Engineer Intern*

**April 2025 – May 2025**

- Assisting in the development and optimization of AI/ML models for real-world applications.
- Collaborating with the core team on integrating intelligent systems into existing platforms.

## Projects

**SmartInterest AI (2025 - Ongoing)**

A system that predicts student interests based on marks and projects.

- Developed a **test-based evaluation system** and **personalized dashboards**.
- Integrated **ML models** to suggest **personalized learning roadmaps**.
- Implementing **NLP-based project report analysis** and **idea generation**.  
[Deployed Link](#)  
[GitHub Repo](#)

**FaceSecure (February 2025)**

A system that predicts student interests based on marks and projects.

- Developed **real-time face recognition** using **OpenCV**.
- Integrated **basic liveness detection** to prevent spoofing attacks.
- Built a **Tkinter-based GUI** for student and teacher interaction.
- Implemented **attendance tracking** and a **leave management system**.  
[GitHub Repo](#)

**Quizee - Online Exam System (C++) (December 2024)**

A system that predicts student interests based on marks and projects.

- Designed an **interactive console-based UI** for conducting tests.
- Implemented **question randomization, score calculation, and time tracking**.
- Used **file handling** for user data storage and result analysis.  
[GitHub Repo](#)

## Certifications

- Python Classes and Inheritance
- Python Functions, Files, and Dictionaries
- Python Project: pillow, tesseract, and OpenCV
- Introduction to Artificial Intelligence (AI)