

# Hemjot Kaur

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## EDUCATION

<b>BHAI GURDAS INSTITUTE OF ENGINEERING AND TECHNOLOGY</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	Sangrur, Punjab Aug 2022 - Aug 2026
<b>GOVT. SECONDARY SCHOOL (GIRLS)</b> <i>CLASS XII Percentage: 94.8%</i>	Nabha, Punjab June 2021 - May 2022

## PROJECTS

<b>Dynamic Analyzer</b>   <i>Python, Tensor Flow, Streamlit.</i>	Jan. 2025 - Present
<ul style="list-style-type: none"><li>Developed a human pose estimation app capable of detecting human poses in both images and real-time video.</li><li>Utilized a pre-trained TensorFlow model for pose detection.</li><li>Employed OpenCV for image and video processing, including real-time pose overlay on webcam feed.</li><li>Created a user-friendly interface using Streamlit, allowing users to easily upload images or access their webcam.</li></ul>	
<b>Lexi AI</b>   <i>React, CSS, Gemini API, Vercel.</i>   Live Link	Feb. 2025 - Present
<ul style="list-style-type: none"><li>Created an AI-powered chat application using React, Tailwind CSS, and the Gemini API. My role involved integrating the Gemini API to enable conversational AI capabilities.</li><li>Designed and implemented the user interface to display Gemini's responses dynamically, providing a seamless conversational experience.</li><li>Deployed the application on the Vercel platform, ensuring accessibility and scalability, demonstrating experience with cloud deployment platforms.</li></ul>	
<b>HK's Portfolio</b>   <i>React, Tailwind Css, JavaScript Vercel</i>   Live Link	Feb. 2025 - Present
<ul style="list-style-type: none"><li>Designed and developed a personal portfolio website using React and Tailwind CSS to showcase my skills and projects.</li><li>Deployed the website to Vercel, leveraging its features for continuous deployment and automatic scaling</li><li>Each project includes a live demo and a link to the corresponding GitHub repository.</li></ul>	

## PROFESSIONAL ACCOMPLISHMENTS AND INITIATIVES

<b>GirlScript Summer of Code</b> <i>(GSSoC)</i>	Aug. 2024
<ul style="list-style-type: none"><li>Earned the Postman API Fundamentals Student Expert badge, demonstrating proficiency in API design, testing, and management using Postman.</li></ul>	
<b>J.P. Morgan Chase and Co Job Simulation</b> <i>On Forage</i>	Feb. 2024
<ul style="list-style-type: none"><li>Drafted eight user stories using Trello ensuring alignment with performance management and cost targets.</li><li>Ran the Scrum team's daily standup to plan the day and enhancing morale and team collaboration.</li></ul>	
<b>Goldman Sachs Software Engineering Virtual Experience Program</b> <i>On Forage</i>	Feb. 2024
<ul style="list-style-type: none"><li>Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.</li><li>Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.</li></ul>	

## TECHNICAL SKILLS

**Languages:** C/C++, Html, Css, JavaScript, React  
**Developer Tools:** Vs Code, Git, Github, Vercel  
**Machine Learning and AI :** TensorFlow, OpenCV, Gemini API  
**CS Fundamentals:** Object Oriented Programming, Operating System, Data Structures and Algorithms, Computer Networks, Database Management System