

Hemjot Kaur

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EDUCATION

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

PROJECTS

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

PROFESSIONAL ACCOMPLISHMENTS AND INITIATIVES

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

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