

Keerat Kaur

print("Hello, world!")

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EDUCATION

Indira Gandhi Delhi Technical University for Women (IGDTUW) <i>Bachelor of Technology in Computer Science and Artificial Intelligence; CGPA: 9.93</i>	Kashmere Gate, New Delhi 2024-28
IIT Ropar <i>Minor in AI</i>	Ropar, Punjab 2024-25
Bhatnagar International School <i>High School Diploma</i>	Paschim Vihar, New Delhi <i>Class XII (CBSE): 2024; Class X (CBSE): 2022</i>

EXPERIENCE

Research Intern <i>Delhi Technological University (DTU)</i> <ul style="list-style-type: none">Co-authoring a research paper on the clinical relevance of XAI techniques for distinguishing melanoma from benign nevi using dermoscopic imagesWorking under Dr. Sudhir (IGDTUW) and Prof. Rahul Katarya (DTU) with focus on Explainable AI methods	June 2025 – Present <i>Calibre Program</i>
Full Stack Development Intern <i>Indira Gandhi Delhi Technical University for Women (IGDTUW)</i> <ul style="list-style-type: none">Developing an AI-powered web application under the mentorship of Dr. Dripty Tripathi, based on controlling binge-eating	June 2025 – Present <i>AI-DS Dept.</i>
Society Member <i>B.H.A.V- The Literary Society</i> <ul style="list-style-type: none">Writing Circle (Oct 2024–Present): Contributing to creative content and literary initiativesDebate Circle (Oct 2024–Aug 2025): Represented college in inter-collegiate debates; volunteered in organizing the college's first Asian Parliamentary Debate (APD) CompetitionMUN Circle (Oct 2024–Aug 2025): Served as USG External Affairs for IGDTUW MUN 2025 under Aarohan Fest, handling outreach and institutional collaborations	October 2024 – Present <i>IGDTUW</i>
Mentee <i>GDG on Campus</i> <ul style="list-style-type: none">Selected mentee for learning mobile development (Flutter) under GDG's mentorship programBuilt mini-projects, such as To-Do and Weather apps, to get a hands-on experience	October 2024 – March 2025 <i>IGDTUW</i>
Scholar <i>SheFi Season 12</i> <ul style="list-style-type: none">Completed a curated curriculum in blockchain, web3, and fintech as part of a women-led global upskilling cohort	October 2024 – December 2024

PROJECTS

Budget Baes UI/UX Design <ul style="list-style-type: none">Co-designed a budgeting app that empowers Gen Z users to manage money, with a bold and fun interfaceFeatures include weekly challenges, mood-based expense scoring, "Festive Funds," and savings goals<u>Figma: Budget Baes UI</u>
Chai Shai UI/UX Design <ul style="list-style-type: none">Developed a design prototype of a wellness-based productivity app with a desi twistUsers choose a chai based on mood and pair it with guided break activities; a phone-lock timer ensures mindful rest<u>Figma: Chai Shai UI</u>
Punjabi Proverb Translator: Akhan 'ch Akhaan Python, NLP, BLEURT (In Progress) <ul style="list-style-type: none">Building an NLP tool, leveraging the Llama3 model via the Groq API, to interpret Punjabi proverbs into English-preserving metaphorical and cultural meaning650+ proverbs pre-processed, to ensure a fast, responsive user experience

- Uses literal translation + BLEURT score (in progress) to retain original tone and imagery
- Includes Gurmukhi transliteration, promoting accessibility for readers unfamiliar with the script
- Streamlit: Akhan 'ch Akhaan. (Make sure to press enter after typing in the search bar.)

Interactive Portfolio Room | *Web Development (In Progress)*

- Designing a 3D virtual room showcasing symbolic objects that reflect personal experiences, skills, and values
- Aiming to create a highly personal, immersive storytelling experience as a digital portfolio
- Spline: My Portfolio's Base

TECHNICAL SKILLS

Languages: Python, C++, SQL, JavaScript, HTML/CSS, R, Dart

Frameworks: React, Node.js, Flask, WordPress, Flutter

Developer Tools: Git, Github, VS Code, Figma, Google Colab

Libraries: pandas, NumPy, Matplotlib, Seaborn, TensorFlow, Keras, OpenCV, BLEURT, NLTK, Beautiful Soup