

# JAI DHINGRA

[GitHub](#) — [LinkedIn](#) — [Portfolio](#) ◇ Phone: +91 82792 17748 — Email: [jaidhingra402@gmail.com](mailto:jaidhingra402@gmail.com)

## Profile

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Experienced Machine Learning Engineer with expertise in AI-driven applications and open-source contributions. Ranked **133rd out of 40,000** contributors in GSSoC-Extd 2024. Skilled in deploying models, optimizing code, and enhancing user experiences, with active participation in GSSoC-Extd and Hacktoberfest 2024.

## Education

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**B.Tech in Artificial Intelligence and Data Science**, Jaipur Engineering College And Research Centre, Jaipur Nov 2022  
- Present  
CGPA - 7.45  
**Senior Secondary (XII)**, S.V.Public School, Jaipur March,2022  
Secured 83%

## Skills and Tools

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Programming Languages: Python, C, C++

Frameworks: TensorFlow, PyTorch

Libraries: Scikit-Learn Library, Keras Library, Pandas, Numpy, Matplotlib

Concepts: Neural Networks, Transfer Learning, Image Classification, Deep Learning

Software: INAV, Betaflight, SolidWorks

Platforms: Jupyter Notebook, Visual Studio Code, Conda

Soft Skills: Fast Learner, Communication Skills, Teamwork Skills, Leadership Skills, Problem-solving Skills, Time Management

## Experience

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### Open Source Contributions

Actively contributed to open-source projects as part of GSSoC-Extd 2024 and Hacktoberfest 2024, enhancing technical documentation, codebase efficiency, and adding features to support community-driven development. Achieved 133rd rank out of 40k contributors. [GSSOC-extd 24, Hacktoberfest-2024"](#)

### Machine Learning Intern, Semi-Hyphen

12 July 2024 - 25 Aug 2024

Developed a Yoga Pose detection model with a dataset of 2500+ images, achieving 88% accuracy using MobileNet-v2 and Transfer Learning.

### Technical Head, Xananoids Club

Nov 2022 - Present

Mentored 20+ club members on various projects.

## Projects

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**VisionVault:-** Built a system with an ESP32-CAM on glasses for live video streaming and image capture via keystroke. Used the Gemini Vision API for image descriptions, creating a virtual memory bank with hands-free functionality. [GitHub](#)

**ChatGPT-2-Explorer:-** ChatGPT-2-Explorer is a conversational AI project based on GPT-2 architecture, offering tools for training, testing, and exploring a chatbot to gain insights into GPT-2's capabilities. [GitHub](#)

**Yoga Pose Detection:-** Implemented a real-time yoga pose detection system with 88% accuracy using Transfer Learning and MobileNet-v2. [GitHub](#)

## Extra-Curricular Activities

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### ROBO League at BITS Pilani

April 2024

Secured 3rd position in a 3 vs. 3 robo soccer match.

### Core Organizing Team Member Xanaoids Club, JECRC Foundation, Jaipur

March 2024

Organized various robotics competitions during the techno-cultural fest.