

JAI DHINGRA

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PROFILE

I am an AI and Data Science student passionate about AI-driven applications and machine learning. I actively contribute to open-source projects, having participated in GSSoC-Extd 2024 and mentored in KSOC 24. Skilled in model deployment and code optimization.

EDUCATION

B.Tech in Artificial Intelligence and Data Science, Jaipur Engineering College And Research Centre Nov 2022 - Present

CGPA: 7.45

Senior Secondary (XII), S.V. Public School, Jaipur March 2022
Secured 83

SKILLS

Programming Languages	Python, C, C++
Frameworks	TensorFlow, PyTorch
Libraries	Scikit-Learn, Keras, 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, Teamwork, Leadership, Problem-solving, Time Management

EXPERIENCE

Machine Learning Intern July 2024 - August 2024
Semi-Hyphen *Remote*

- Developed a Yoga Pose detection model using MobileNet-v2 and Transfer Learning, achieving 88

Technical Head Nov 2022 - Present
Xananoids Club *JECRC Foundation, Jaipur*

- Mentored 20+ club members on AI and robotics projects.

PROJECTS

VisionVault Built a system with an ESP32-CAM for live video streaming and image capture, using the Gemini Vision API for image descriptions and creating a virtual memory bank. ([GitHub](#))

ChatGPT-2-Explorer A conversational AI project based on GPT-2 architecture, offering tools for training, testing, and exploring chatbots. ([GitHub](#))

Yoga Pose Detection Implemented a real-time yoga pose detection system with 88

EXTRA-CURRICULAR ACTIVITIES

- Mentor at KWOC 24 — Guided beginners in open-source contributions, helping them understand version control, issue tracking, and project collaboration.(Feb 2025)
- Participated in ROBO League at BITS Pilani (April 2024) — Secured 3rd position in a 3 vs. 3 robo soccer match.