JAI BHARDWAJ

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https://github.com/resonancejb

SKILLS

- **Programming Languages:** C, Java, Python, SQL, HTML, CSS, Typescript
- **Frameworks & Tools:** FastAPI, Next.js, TensorFlow, Keras, NumPy, Pandas, OpenCV, Supabase/firebase
- **Other:** Inngest, FastAPI, Next.js, Python, OCR pipelines, LLM inferencing, prompt engineering Deep learning algorithms

EXPERIENCE

Software Engineer Intern, Jai Kisan. **Mar,2025-present**

- Built and maintained scalable backend APIs and asynchronous processing pipelines to support document automation and user-facing features.
- Developed OCR and document-understanding workflows that feed structured data into LLM-based inference and chatbot systems for intelligent document analysis.
- Collaborated cross-functionally with frontend and product teams to design clear API contracts, improve integration quality, and accelerate feature delivery.

PROJECTS

Movie Recommendation System **Jan 2024 - Feb 2024**

- Developed a natural language processing model that focuses on identifying movies most akin to a user's query.
- This determination is made through evaluating the cosine similarity score.
- Link: https://github.com/resonancejb/Movies_recommender_model

QuizCraft **May 2024 - Jun 2024**

- Developed a Python-based NLP tool (spaCy) to automate MCQ generation from text/PDf file.
- significantly improved questions accuracy and answer relevance for efficient educational assessments.
- Link: https://github.com/resonancejb/Quizcraft

Fake Face Image Detection **Oct 2024 - Dec 2024**

- Developed a deep learning model to classify real and fake faces
- used a fine-tuned DenseNet121 architecture.
- The model achieves 98.7% accuracy and is deployed via Streamlit for real-time predictions.
- Link: https://github.com/resonancejb/Fake-image-detection-model

EDUCATION

- **Btech in Computer science Engineering (2021-2025)**
  Birla Institute of Technology ,Mesra (CGPA : 8.24/10)
- **Class 12th (2021)**
  Blue heaven vidyalaya (86%)

COURSEWORK & ACHIEVEMENTS

- Deep Learning in Healthcare: A Comprehensive Exploration of CNN Applications for Advancing Indian Medical Sector, MNIT, (feb, 24). (Presented a review paper).
- Machine Learning Specialization
  https://coursera.org/share/dfcc28f9eb9f12969a8393e3afc9d868
- Artificial intelligence fundmentals by IBM
  https://www.credly.com/badges/4852c894-b732-4975-8a6e-e6a9ed8d0d68/public_url
- 1st runnerup in ROBO soccer