

Karan Chrish

📍 India ✉ Karanchrish@gmail.com ☎ 9363628279 🌐 in/karanchrish 📄 karanchrish.github.io/portfolio/

SUMMARY

AIDS graduate with hands-on experience in AI/ML projects, mentoring students, and contributing to freelance work in AI. Strong skills in Python, ML models, and real-world problem-solving through part-time and project-based.

EXPERIENCE

Freelancing

Multiple Clients via Remote & On-site

December 2019 – Present

- Mentored **10+ students** on AI/ML projects, improving their academic performance by **15–20%**.
- Delivered **5+ ML models** for college and client use cases using Python, Scikit-learn, and Streamlit.
- Developed **custom data preprocessing scripts**, boosting model accuracy by up to **18%**.

Power BI Intern

We and Data

April 2023 – May 2023

- Built interactive dashboards using Streamlit and Power BI, improving decision speed by **20%**.
- Created a real-time **crypto dashboard** with live price tracking and visual insights.
- Visualized client data using Matplotlib and Seaborn, enhancing clarity by **30%**.
- Automated reporting with dynamic interfaces, reducing manual effort by **40%**.

PROJECT

PCOS Prediction System

Self-Initiated • github.com/Karanchrish/PCOD • March 2024 – May 2024

- Developed a PCOS prediction system using CatBoost, achieving 92% test accuracy.
- Tuned CatBoost hyperparameters, resulting in a **7% improvement** in model precision.
- Built a real-time prediction interface using Flask, reducing input-to-output time by **60%**.

HASS.AI

Personal AI Innovation Project • github.com/Karanchrish/HUSS.ai • November 2024 – February 2025

- Built HASS.AI chatbot with 4 senses: voice, text, and image input.
- Reached 95%+ speech and 90% vision accuracy.
- Reduced response time by 40% using Streamlit and OpenCV.

Movie Recommendation

Self-Initiated • github.com/Karanchrish/Movie-Recommendation • December 2023 – January 2024

- Built a movie recommender using Python and TMDB API on 5,000+ movies.
- Achieved 85%+ match accuracy using cosine similarity.
- Improved personalization by 30% with deep learning.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science

Karpagam College of Engineering • Coimbatore, Tamil Nadu • 2025 • 8.22

- Board member in Cultural fest

CERTIFICATIONS

Generative AI

Microsoft & LinkedIn • 2023

- Gained hands-on experience in generative modeling by designing and training models to produce realistic outputs such as text, images, and audio for real-world AI/ML applications.

Data Scientist Associate

DataCamp • 2024

- Gained proficiency in core statistical methods and mastered tools like **Pandas** and **SQL** to organize, clean, and prepare raw data for analysis in real-world data science workflows.

Introduction to Machine Learning

NPTEL • 2023

- Learned core machine learning concepts and gained hands-on experience in building, training, and evaluating models for real-world applications.

SKILLS

Python, SQL, HTML, CSS, Machine Learning, Tableau, Power BI, OpenCV, LLM, Git