

Abdurrehman Khan

Self-taught developer

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PROFESSIONAL OVERVIEW

Self-motivated developer with hands on experience in python, machine learning, and AI based applications. Built and deployed multiple projects including retrieval-augmented generation (RAG) system, machine learning models, encryption tool, and large language model integration. Passionate about building scale able systems and continuously improving technical expertise through real world projects and AI assisted development workflows

PROJECT EXPERIENCE

CAT VS DOG IMAGE CLASSIFIER | Personal Project

- Developed binary image classification model using machine learning techniques
- Trained and fine-tuned the model to distinguish between cat and dog images and deployed it on hugging face spaces

RAG DOCUMENT QUESTION ANSWERING SYSTEM | Personal Project

- Developed a RAG system for multiple document based question answering
- Implemented text embeddings using all-MiniLM-L6-v2
- Integrated Qwen 70B LLM for context aware response generation
- Applied prompt engineering techniques to reduce hallucinations and improve factual accuracy

PORTFOLIO WEBSITE | Personal Project

- Created and Hosted personal portfolio website to showcase personal projects
- Responsive layout for desktop and mobile devices

MACHINE LEARNING PROECT TEMPLATE | Personal Project

- Built a reusable machine learning pipeline structure for experimentation and deployment
- Designed for rapid prototyping of ML models

SKILLS

Python, C, HTML, CSS, Scikit-learn, Tensorflow, RAG, Model Deployment Basics, GitHub

INTERESTS

Artificial Intelligence, Machine learning, AI in healthcare, Software Engineering, Quantum Computing

EDUCATION

Intermediate | Kips College Graduated: 2026