

<div>Çağatay Kılınç</div> <div>Data Scientist</div> <div><div><div><div></div><div>Türkiye</div></div><div><div></div><div>+905343997582</div></div><div><div></div><div>cgtyklnc@gmail.com</div></div><div><div></div><div>Github</div></div></div></div>				
Profiles	<div><div><div></div><div>klncgty</div></div></div>	<div><div><div></div><div>aataykln</div></div></div>	<div><div><div></div><div>klncgty</div></div></div>	
Summary	Experienced in AI application (RAG , Fine tunings)and agent development , including multi-agent systems. Skilled in LLMs using open source models like LLama 3 , and OpenAI API , and GPT models (GPT-4, GPT-4o). Proficient in REST API, data scraping (Requests, BeautifulSoup, Selenium), data analysis , and machine learning . Familiar with Flask and FastAPI for API integration. Google Cloud for deployment and Streamlit or React frontend for prototyping.			
Experience	Freelance remote Recently Completed Projects: 1- Multi Agent System Chatbot(gpt-4o, Langchain, claude 3.5 sonnet, Streamlit, FastAPI) 2- PDF- RAG Agent(Llama3, Langchain,Streamlit) 3- AI assistant Project(Hf, LLamaindex, llama3, Streamlit, FastAPI)	May 2023-Present		
	Miuul Data Scientist Mentor / Backend AI Developer <div><div></div>MIUUL</div> <ul style="list-style-type: none">Providing Data Science training and offering mentorship in the field.Conducting data analysis , creating data visualizations and machine learning models.Working on creating analysis tools by using generative ai .Developing chatbots using OpenAI and Langchain support, tailored to specific needs.Ensuring the security of Discord channels of Miuul by creating spam and harassment prevention bots.Designing an AI-supported course recommendation system for the company.	june 2023 - july 2024 Sweden		
	Budget CRM <div><div></div>https://www.budget.com.tr/</div>	February2020 - July- 2022 Istanbul		
	Project BEAM Gen AI developer <ul style="list-style-type: none">Complex RAG project.PDF to JSON Conversion: Converted PDF files to JSON using Camelot for structured data extraction.Data Retrieval: Executed advanced data queries on <u>Ragie.ai</u> using uploaded JSON files.Local Search: Implemented vector-based search locally with open-source tools.Optimization: Improved search efficiency by utilizing JSON for complex datasets.Vector Store Integration: Explored and integrated vector storage solutions like Faiss and Milvus for similarity searches.	June 20 - November 11 Italy		
Education	Izmir Institute of Technology Physics	2010 - 2017 Bachelor		
Projects	1 - PdfXtractor AI Web Application for Extracting Complex Tables from PDFs to CSV/JSON <div><div></div>Github page of project</div> Automatically extract complex tables from your PDF documents and convert them into clean, ready-to-use CSV or JSON formats. Powered by advanced AI, this application <i>simplifies data extraction and allows you to query tables using an intelligent agent.</i> agent, ocr, rag			
	2 - Cryptocurrency-Trading-Bot (to be updated...) This bot is a trading system including ai recommendation system that automatically buys and sells the coin/usdt <div><div></div>https://github.com/klncgty/Cryptocurrency-Trading-Bot</div> This project implements an automated cryptocurrency trading bot that interacts with the Binance and Llama API to fetch market data, generate trading signals based on technical analysis, manage risk, and execute trades. The bot leverages advanced strategies for both market entry and exit conditions using technical indicators such as <i>RSI</i> , <i>MACD</i> , <i>EMA</i> , <i>ATR</i> , and others. Additionally, the bot has been deployed live on Microsoft Azure .			
	3- Chatbots <ul style="list-style-type: none">Description: Built an AI-driven chatbot for Miuul that responds to user queries on specific topics and added keywords.<ul style="list-style-type: none">Features:<ul style="list-style-type: none">Subject Expertise: Provides answers on topics such as data science, machine learning, data analysis, virtual machines, front-end development, and more.Natural Language Processing: Generates short and concise responses using GPT-4 in natural language.Image Recognition: Processes messages containing screenshots and text from images.Conversation History: Remembers previous conversations with users and provides relevant responses.Technologies: OpenAI GPT-4, Python, Flask, FastAPI, Selenium			
	4 - Data Analysis Projects <ul style="list-style-type: none">Description: Provided data analysis support and developed machine learning models for various companies within my own organization.Technologies: Python, Pandas, Scikit-learn, Matplotlib			
	5 -Discord-Q-Analyzer <ul style="list-style-type: none">Description: Developed a generative AI application that retrieves messages from Discord channels, detects questions, and analyzes which areas generally have questions.Technologies: Generative AI, Python, LangChain, OpenAI generative ai, python, langchain, openai, llm			
	6 - Course Recommendation Systems <ul style="list-style-type: none">Description: Developed a system that recommends courses based on existing course information using the OpenAI API and LangChain.Technologies: OpenAI API, Python, LangChain LLM, generative ai, python			
	7 - Generative AI <ul style="list-style-type: none">Multi-Agent System Chatbot:<ul style="list-style-type: none">Description: Created a multi-agent system chatbot using GPT-4o, LangChain, and other technologies.Technologies: GPT-4o, LangChain, FastAPI, StreamlitPDF-RAG Agent:<ul style="list-style-type: none">Description: Developed a RAG agent for processing PDFs and retrieving information.Technologies: GPT-4o, LangChain, Streamlit, FastAPIAI Assistant:<ul style="list-style-type: none">Description: Built an AI assistant using various generative AI models.(speech to speech, text to text etc.)Technologies: GPT-4o, llama, ollama open source models Streamlit, FastAPIDatabase Integration:<ul style="list-style-type: none">Description: Integrated RAG/LangChain systems with databases for better LLM performance.Technologies: RAG/LangChain, LLMFine-Tuning:<ul style="list-style-type: none">Description: Engaged in fine-tuning LLM models to improve their performance.Technologies: GPT models adn open source models, lora - peft			
	8- Anti-spam Bot <ul style="list-style-type: none">Description: Created an AntiSpamBot for Discord that filters offensive messages and prevents inappropriate content within a Discord server.Technologies: <u>Discord.py</u>, LLM, Generative AI discord.py, llm, generative ai			
Skills	Python ● ● ● ● ○ Generative AI ● ● ● ● ○ Langchain, Openai API, Streamlit, Transformers, Vector Database, Embeddings, Llama, crewai, Autonomous agents, langchain, Fine-Tuning, gemini, ReAct, Ollama, PEFT, LoRA, Retrieval Augmented Generation (RAG) Data Analysis Tools ● ● ● ● ○ Pandas, numpy, skit-learn, Matplotlib, Seaborn, Scikit-learn Machine Learning ● ● ● ● ○ Scikit-learn, PyTorch, XGBoost, LightGBM, CatBoost SQL ● ● ● ● ○ Data Visualization ● ● ● ● ○ seaborn, Power BI			
Interests	Playing Flamenco Guitar	Wild Life	Wood Working	Artificial Intelligence
Certifications	Generative AI with LLMs Coursera January 2024			
	Data Science And Machine Learning MIUUL Sep 2022			
	Pytorch for Deep Learning Zero To Mastery Academy May 2022			
	Advanced Python Linkedin March 2023			
	Building Apps With Vector Databases DeepLearning.AI <div><div></div>https://learn.deeplearning.ai</div> <ul style="list-style-type: none">Semantic SearchRetrieval Augmented Generation (RAG)Recommender SystemsHybrid SearchAnomaly Detection			
Awards	Kaggle Enigma <div><div></div>https://www.kaggle.com/competitions/enigma-tech-tatva-2022/overview</div>	Oct 2022		
Languages	Turkish Native ● ● ● ● ● English Proficient ● ● ● ● ○ Spanish Beginner ● ○ ○ ○ ○			