

# FURKAN GULENC

## PYTHON / AI DEVELOPER

As a Software and Data Science expert, I have experience with tools like Docker and Azure Devops. During my self-development journey, I focused extensively on web application and API testing using FastAPI and Postman. While exploring tools like Pandas, NumPy, and TensorFlow, I developed a special interest and expertise in data analytics. Through my NLP and OpenAI projects, I deepened my skills in natural language processing. I developed a keen interest in the fields of Computer Vision and Voice Recognition and undertook projects in these areas. While working on recommendation systems with Elasticsearch, I enhanced my front-end development skills. My projects involving HTML, CSS, and Java solidified my overall software development capabilities.

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## SKILLS

- Python
  - FastAPI
  - Docker
  - Postman
  - Langchain
  - Elasticsearch
  - Git
  - Azure Devops
  - LLM Models
  - Data Analytics
  - HTML, CSS, JavaScript
  - HTML, CSS, JS
  - Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras
  - Natural Language Processing (NLP)
  - Deep Learning Models (MFCC, VGG16, InceptionResNetV2, LSTM, CNN)
  - Computer Vision
  - Voice Recognition
  - Emotion Classification
  - Search Prediction
  - Recommendation Systems
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## EDUCATION

### SOFTWARE ENGINEERING

Bachelor degree faculty of engineering and natural sciences

Bahcesehir University | 2017 - 2023

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## EXPERIENCE

### INDIVIDUAL PROJECT DEVELOPMENT

2021-Present

During my self-development process, I developed a series of projects to enhance my skills in Python and Data analytics. In these projects, I worked on computer vision, natural language processing, and emotional analysis using machine and deep learning models. I reported the outcomes of my projects by making inferences through data analysis.

## RISE CONSULTING TECHNOLOGY

2023 July - 2023 October

- Utilized Docker for containerization.
  - Conducted API tests using Postman.
  - Built modern web applications efficiently and quickly with FastAPI.
  - Employed Langchain for natural language processing projects.
  - Leveraged Elasticsearch for data querying and search optimization.
  - Managed continuous integration and continuous deployment (CI/CD) processes using Azure Devops, ensuring a fast and error-free deployment.
  - Effectively managed code version control with Git.
  - Gained experience in applying advanced learning algorithms using LLM Models.
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## PROJECTS

- Ultimate LLM-Based AI Assistant
  - Insightful Conversation System: Engaged in developing a system for insightful conversations, in-depth document analysis, and complex calculations.
  - Meeting Management Feature: Implemented a tool allowing, record, and summarize team meetings, autonomously generating tasks from these discussions.
  - API Integration Enhancements: Enhanced the platform's capability to swiftly integrate with custom solutions and third-party tools, facilitating rapid API connections.
  - Video & Imagery Analytics: Streamlined video analytics by developing features to extract insights from platforms like YouTube and autonomously generate related imagery.
  - Database Exploration Tool: Extended the system's ability to delve into extensive databases such as Wikipedia and GitHub.
  - Chatbot Creation Feature: Contributed to the platform, allowing for the rapid creation of chatbots using integrated capabilities.
  - Voice Recognition Application: I developed an application that processes and classifies voice data using Keras and Librosa libraries.
  - Movie Suggestion System: I developed a recommendation system that offers movie recommendations based on the user's viewing habits, using the Pandas and K-Means algorithm.
  - Sentiment Analysis Application: I designed an application that analyzes text data and classifies emotional state using the NLTK library.
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## CONTACT



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<https://github.com/FurkanGulenc>



Istanbul / Turkey