



# MUSTAFA KAVCIN

Software Developer | AI Integration Engineer

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## ABOUT ME

Software Developer and AI Integration specialist with hands-on experience in automation, data systems, and AI-powered applications. Skilled in backend logic, AI API integration, and freelance data projects on Upwork.

## EDUCATION

### Computer Programming

Manisa Celal Bayar Univ.  
2025 - Present

### Computer Programming

Bursa Uludag University  
2022 - 2024

## TECHNICAL SKILLS

Python / Node.js

React / JavaScript

SQL & MySQL

REST APIs

Claude / OpenAI APIs

n8n Automation

Microsoft Excel

Google Sheets

Data Cleaning

Prompt Engineering

Airtable

Git / GitHub

## LANGUAGES

- Turkish (Native)

- English (Professional)

## WORK EXPERIENCE

### Outlier

AI Trainer

2026 - Present

REMOTE

- Trained and evaluated LLMs through human feedback and response assessment.
- Performed multimodal data annotation (text, audio, video) for AI training.
- Evaluated AI outputs for accuracy, quality, and instruction adherence.
- Supported dataset validation and quality assurance processes.

### Freelance Data & AI Specialist - Upwork

2024 - Present

Data Cleaning · AI Training · Prompt Engineering

[upwork.com/fl/mustafakavcin](https://upwork.com/fl/mustafakavcin)

- Completed 10+ data cleaning and structuring projects, transforming raw datasets into analysis-ready formats using Excel and Python.
- Performed AI training data labeling and annotation tasks, contributing to LLM fine-tuning pipelines for multiple clients.
- Engineered and optimized prompts for GPT-4 and Claude-based applications, improving response accuracy and output consistency.
- Delivered AI integration consulting, helping clients automate workflows using OpenAI and Anthropic APIs.

## PROJECTS

### Aeternia - AI Virtual Streamer System

2025 - Present

Node.js · React · Claude/OpenAI APIs · n8n

[github.com/mustafakavcin/aeternia-core](https://github.com/mustafakavcin/aeternia-core)

- Architected a full-stack AI-powered virtual streamer using Node.js, React, and Claude/OpenAI APIs.
- Designed a persistent memory system enabling context-aware, real-time audience interaction.
- Built automation pipelines with n8n to handle event triggers, data flow, and response generation.
- Integrated REST APIs for live data ingestion, reducing manual intervention by over 80%.

### AI Lead Generation & Outreach Automation System

2025 - Present

n8n · OpenAI GPT-4o · Google Sheets · Gmail

[github.com/mustafakavcin/AI-Lead-Gen-System](https://github.com/mustafakavcin/AI-Lead-Gen-System)

API

- Built a fully automated lead pipeline that collects business leads daily from SerpAPI, Yelp, and Apollo.io, with domain-fingerprint deduplication.
- Implemented AI qualification with GPT-4o scoring each lead 1-10; qualified leads receive personalized cold emails generated and sent via Gmail API.
- Logged every action to a Google Sheets CRM with archive branching, plus an AI-generated daily digest report of totals and top prospects.

### Shopify AI Product Importer

2025 - Present

Python · FastAPI · n8n · Claude API · Docker

[github.com/mustafakavcin/shopify-ai-importer](https://github.com/mustafakavcin/shopify-ai-importer)

- Developed an end-to-end pipeline that ingests raw supplier CSVs, cleans and normalizes product data, and outputs a Shopify-ready import file.
- Generated SEO-optimized product descriptions with Claude AI; batch processing handles up to 500 products per run with SKU deduplication and price validation.
- Containerized the full stack (n8n + FastAPI) with Docker Compose for one-command setup, including JSON error reporting for invalid records.

### n8n AI Product Automation Workflow

2025 - Present

n8n · OpenAI API · Webhooks · Google

[github.com/mustafakavcin/n8n-Automation-Workflows](https://github.com/mustafakavcin/n8n-Automation-Workflows)

Sheets

- Built a webhook-driven workflow that accepts raw product data as JSON, validates required fields, and returns structured error responses on invalid input.
- Enriched each product with OpenAI-generated, SEO-friendly descriptions and appended results to Google Sheets automatically — zero manual data entry.