



# Ilyas Sülen

AI Engineer & Software Developer

Leverkusen, Germany

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[Website](#)

## Profiles

[LinkedIn](#)

[GitHub](#)

## Technical Skills

### Programming & Software Development

Python, OOP, Unit Testing (Pytest), Flask, Node.js, HTML5, CSS3, FastAPI

### Databases & Data Management

SQLAlchemy, SQLite, SQL, REST APIs, JSON

### Version Control & Tools

Git, GitHub

### AI & Data Processing

Data Processing, LLMops, GenAI

## Soft Skills

### Problem-solving

### Positive Team Presence

### Goal-Oriented

## Languages

### German

Native

### Turkish

Native

### Kurdish

Native

### English

Professional Working Proficiency

Aspiring AI Software Developer with strong Python skills and hands-on experience building applications with Flask, FastAPI, SQLAlchemy, and REST APIs. Currently completing the Masterschool Software Engineering program, developing expertise in data processing, machine learning concepts, and clean, scalable code. Focused on applying these skills in AI Engineering roles.

## Education

### Masterschool

Software Engineering

Jul 2025 - Aug 2026

Training Program

- Developed practical Python projects using OOP, data structures, and modular software design.
- Built small web applications with Flask, SQLAlchemy, SQLite, RESTful APIs, JSON handling, and basic front-end technologies.
- Prepared for specialization in AI Engineering with a focus on data processing and algorithmic problem-solving.

### Technische Hochschule Köln – Campus Gammersbach

Media Informatics

N/A

Sep 2014 - Aug 2019  
Bachelor Studies (coursework completed)

### Higher Commercial School

Business & Administration

Sep 2005 - May 2007

Vocational Diploma

## Projects

### InsightAI

[View Credential](#)

- Built a modern AI-powered web application for document analysis with an interactive document-based chat interface.
- Supports PDF, CSV, TXT, and DOCX files with automatic parsing, chunking, structured report generation, and contextual AI chat.
- Backend powered by FastAPI with SQLite/PostgreSQL, leveraging OpenAI LLMs for scalable document processing and intelligent question answering.

### MovieWebApp

[View Credential](#)

- Built a full-featured Flask application enabling users to organize and manage their personal movie collections.
- Integrated the OMDb API to fetch movie details dynamically (posters, release year, director), reducing manual input by over 70%.
- Implemented robust CRUD operations with strong validation to ensure consistent and clean database entries.

## Experience

### Pizza Boy

IT-Support & Delivery Driver

Dec 2015 - Present

Leverkusen, Germany

- Oversee and maintain all POS systems, hardware, and software as the primary responsible technician, resolving up to 90% of technical issues independently
- Troubleshoot and resolve software, hardware, and network problems to ensure continuous uptime, efficient workflows, and smooth daily operations
- Collaborate with a team of 14–20 staff, support up to 250 customers per day, and deliver 20–30 food orders daily to sustain seamless service and operational flow

### Vaillant

Order Picker

Sep 2010 - Aug 2014

Neuss, Germany

- Oversaw digital order systems as the primary operator, ensuring 100% accuracy and smooth execution of high-volume orders.
- Processed 10–15 daily orders independently, optimizing workflow and maintaining reliability under fast-paced conditions.
- Maintained efficiency and improved reliability in fast-paced environments through structured workflows, effective prioritization, and a detail-oriented approach.