



gustav.about()

## contact

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location  
Denmark

## core\_skills

- Python (FastAPI, Quart, Flask)
- AI / LLM Integration (RAG, Prompt Engineering)
- Data Engineering & ETL
- SQL & Database Design
- Azure Cloud Services

## languages

Danish — native  
English — professional

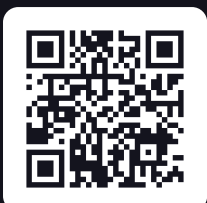
## education

Zero To Mastery Academy — Python Developer Bootcamp 2023

Complete Python Developer – Zero to Mastery 2023

Python Special Methods — Advanced Classes

Business College Syd — Sales & Commerce 2001



gustavchristensen.dev

# Gustav Wind Christensen.

>>> Python & LLM Engineer

## profile

Experienced developer with 15+ years in IT, spanning support, operations, and software development. Specialized in Python automation, data engineering, and AI/LLM integration. Strong track record in building scalable solutions, troubleshooting complex systems, and seamless database integration. Excellent at cross-functional collaboration from planning to delivery.

## experience

2020 – PRESENT

### Data Engineer

3F – Fagligt Fælles Forbund · Copenhagen

Building and running the data backbone for one of Denmark's largest trade unions.

- Design and operate ETL pipelines from Microsoft Dataverse and internal systems into SQL Server — with parallel processing, connection pooling, and circuit breakers.
- Python automation replacing manual workflows across the organisation.
- AI/LLM integration: RAG-based tooling and LLM-assisted automation on Azure.

2014 – 2020

### IT Operations Specialist

3F – Fagligt Fælles Forbund

Server operations, SCOM development, SLA reporting, and Orchestrator batch automation.

2008 – 2014

### IT Support Specialist

3F – Fagligt Fælles Forbund

End-user support, troubleshooting, and technical assistance.

# previous\_roles

- 2008 EDC — IT Support
- 2007 – 08 Bolignet — Technical Consultant
- 2006 – 07 Debitel — IP Support
- 2004 – 06 DLG TELE — IT Support & DSL Support
- 2002 – 04 TELE2 — Technical Support

## certifications

- Certified Entry-Level Python Programmer** Python Institute · PCEP-30-02
- Microsoft Certified Professional** Microsoft

### The Cold File – Autonomous AI True-Crime Podcast Channel

Production Python backend that fully operates a fictional dual-host true-crime podcast on YouTube — @The\_Cold\_File — an autonomous AI system where Claude wears multiple intelligent hats — writer, LLM-as-judge quality gate, casting director, community manager — across a single 30,000-line pipeline.

Python Claude (Opus/Sonnet/Haiku) Anthropic SDK LLM-as-judge Azure FLux Nano Banana (Gemini Image)  
Azure MultiTalker TTS FFmpeg PostgreSQL YouTube API NewsAPI Railway

live: [www.youtube.com/@The\\_Cold\\_File](https://www.youtube.com/@The_Cold_File)

### AI-Powered IT Support Agent with RAG

Production RAG system positioned as an internal IT support agent. Multilingual (Danish/English) answers grounded in customer-uploaded documentation, with a read-only backend dashboard customers can inspect end-to-end.

Python Quart Gemini 2.5 Flash google-gemai Qdrant fastembed (ONNX) RAG Azure OpenAI (optional)  
Railway

live: [llm-assistant-production-aa36.up.railway.app](https://llm-assistant-production-aa36.up.railway.app)

### Document Intelligence Pipeline

Local document processing pipeline for PDF, DOCX and scanned images: OCR (Tesseract), text extraction, table detection & extraction, key-value parsing, entity recognition (spaCy), layout analysis and summarization.

Python Quart OCR Tesseract spaCy PDF processing NLP

live: [document-intelligence-pipeline-production.up.railway.app](https://document-intelligence-pipeline-production.up.railway.app)

### Apology-as-a-Service (MCP Server)

A live Model Context Protocol (MCP) server that provides context-aware crisis communication for AI agents.

Python MCP Protocol SSE Docker Async FastMCP

live: [apology-as-a-service-production.up.railway.app/sse](https://apology-as-a-service-production.up.railway.app/sse)  
code: [github.com/Ajollyworld79/Apology-as-a-Service](https://github.com/Ajollyworld79/Apology-as-a-Service)

### ETL Data Pipeline - Dataverse to SQL Server

Complete ETL pipeline for extracting data from Microsoft Dataverse, transforming with business logic, and loading to SQL Server.

Python Pandas SQLAlchemy Dataverse Faker

code: [github.com/Ajollyworld79/data-pipeline](https://github.com/Ajollyworld79/data-pipeline)

## Professional Portfolio & CV Generator

Fully asynchronous Quart web application with auto-generated PDF CV from dynamic content.

Quart

Uvicorn

FPDF2

Async Python

Jinja2

code: [github.com/Ajollyworld79/personal-project](https://github.com/Ajollyworld79/personal-project)