

VASILE TANASA

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SUMMARY

Full Stack Software Engineer with hands-on experience in Python, Django, JavaScript, HTML, CSS, and SQL. Skilled in building scalable backend services, interactive client-side applications, and data-driven dashboards. Recently developed intelligent software agents integrating data extraction, semantic analysis, and API orchestration. Strong problem-solving background with over 3000 algorithmic challenges solved, and a growing interest in distributed systems, networking protocols, and open data technologies.

SELECTED PROJECTS

Twitter Scraping & Reply Agent

Built an AI agent that scrapes tweets from selected accounts, generates semantic summaries, classifies content relevance, and produces AI-powered replies for user approval.

Website Content Analysis Agent

Developed a scraper that extracts full articles from various websites (sitemap and visual scraping fallback), applies semantic analysis to classify opportunities, and generates concise summaries with suggested actions.

WhatsApp Voice Message Processor

Implemented an AI pipeline that receives voice messages via WhatsApp (Twilio API), transcribes audio, corrects grammar, highlights errors, and returns a structured JSON summary.

CV-Job Description Matching Agent

Created a tool that analyzes job descriptions and matches candidate CVs using semantic similarity scoring and ranking.

WORK EXPERIENCE

Software Engineer

December 2021 – Present

Warp Inter SRL

Piatra Neamt, Romania

- Designed and implemented multiple AI-powered agents for automation, data extraction, and natural language processing.
- Integrated LLMs for semantic understanding and generative tasks in business contexts.
- Developed a Django-based automation system for internal workflows, improving operational efficiency.
- Created a Python module for automated retrieval and integration of CPI data from the National Institute of Statistics, enabling real-time updates in financial reporting.

Sales Manager

July 2013 – December 2021

Warp Inter SRL

Piatra Neamt, Romania

- Directed technical sales operations, optimized delivery processes, and developed client relationships.

Area Manager

November 2008 – July 2013

Förch Romania

Moldova area, Romania

- Expanded market presence, acquired new clients, and managed a sales team across five counties.

Sales Representative

January 2000 – November 2008

Würth Romania

Piatra Neamt, Romania

- Top 10 national sales performer (2001–2004).

Technical Engineer & Designer

1996 – 1999

Multiple companies

- Managed technical teams and designed mechanical solutions.

EDUCATION

Master of Science | *Technical diagnostics and expertise*

October 1995 – June 1996

“Gheorghe Asachi” Technical University

Iasi, Romania

BEng Mechanical Engineering | *Internal Combustion Engines*

October 1990 – June 1995

“Gheorghe Asachi” Technical University

Iasi, Romania

TECHNICAL SKILLS

Programming

Python, Django, JavaScript, HTML, CSS, SQL, C++ (intermediate)

AI & Automation

LangChain, LangGraph, OpenAI API, Prompt Engineering, RAG, Embedding Models, Transformers, Whisper, Playwright, BeautifulSoup

Tools & Platforms

Git, GitHub, Streamlit, Flask, Twilio API, REST APIs, JSON, Docker (basic)

Algorithms

3000+ problems solved on HackerRank & CodeWars

Languages

English: B2

HOBBIES AND COMMUNITY INVOLVEMENT

Avid trail runner and cyclist; completed multiple ultra-marathons, including a sub-3h marathon in 2023..

Fundraiser for Hospice “Casa Speranței” and organizer of forestation campaigns.