

# 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

Warp Inter SRL

December 2021 – Present

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

Warp Inter SRL

July 2013 – December 2021

Piatra Neamt, Romania

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

### Area Manager

Förch Romania

November 2008 – July 2013

Moldova area, Romania

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

### Sales Representative

Würth Romania

January 2000 – November 2008

Piatra Neamt, Romania

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

### Technical Engineer & Designer

Multiple companies

1996 – 1999

- Managed technical teams and designed mechanical solutions.

## EDUCATION

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**Master of Science | Technical diagnostics and expertise**

“Gheorghe Asachi” Technical University

October 1995 – June 1996

Iasi, Romania

**BEng Mechanical Engineering | Internal Combustion Engines**

“Gheorghe Asachi” Technical University

October 1990 – June 1995

Iasi, Romania

## TECHNICAL SKILLS

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### 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

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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.