Voic Andrei-Florin

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Summary

AI Engineer with expertise in artificial intelligence, embedded systems, and drone technology. Proven track record of delivering innovative solutions, securing EU funding, and winning international hackathons. Passionate about bridging the gap between AI and real-world applications through practical, scalable implementations.

Experience

AI Engineer ***RebelDot, Feb 2025 – Present***

- Developing cloud-based AI solutions using Azure, Python, LangChain and LangGraph
- Working on internal AI projects and client solutions
- Implementing advanced AI systems and integrations
- Played a key role in the development of a production AI chatbot used by 500,000+ users, built as a multi-step agent workflow handling RAG-based public queries and account-specific data, with LLM-as-a-Judge evaluation and prompt versioning via Langfuse

AI Intern ***RebelDot, Nov 2024 – Feb 2025***

- Won RebelDot AI Hackathon, securing internship position
- Developed chatbot integrating SQL databases, Neo4j graph database, and semantic retrieval
- Implemented multi-agent system with knowledge base, Cypher queries, and automated visualizations

Freelance Software Engineer ***Oct 2024 – Present***

- Built landgame.ro - complete booking platform with React, Supabase, loyalty system, and i18n
- Built lantic.ro - bilingual catalogue and quote-request site for a packaging manufacturer
- Built remarcdent.ro - dental clinic site with services, pricing, team, and online booking
- Delivered all three client sites end-to-end using agentic AI coding workflows
- Developed F1 simulator leaderboard system for Landgame - real-time telemetry processing, automatic track rotation, session management. Deployed at Tech Expo 2025, Moto Events Brașov, and daily operations
- Conducted drone photogrammetry surveys and 3D modeling for industrial applications

Founder ***ShipD, Jul 2022 – Sep 2024***

- Founded medical drone delivery startup, secured €60K EU grant funding
- Featured on ProTV iLikeIT, BRD Huge if Real, and ViaClujTV
- Won Yettel Hackathon Budapest Mobility Challenge (€2500)
- Innovation Labs 2022 semi-finalist, 2nd place IoT Student Challenge

Summer Intern ***Analog Devices, Jul 2023 – Aug 2023***

- Developed complete accelerometer system from schematic design to Linux driver development
- Designed PCB, soldered components, created data visualization applications in Python/C

PLC Programmer Intern ***Kronospan, France, Jun 2021 – Jul 2021***

- Designed HMI for industrial tank monitoring systems
- Programmed PLCs and designed electrical cabinet systems

Education

MSc, Applied Computational Intelligence *2024 – 2026*
Babeș-Bolyai University, Cluj-Napoca

BSc, Automation and Computer Science *2020 – 2024*
Technical University of Cluj-Napoca

Key Projects

Landgame.ro Platform: Full-stack web application with booking system, loyalty program, admin panel, internationalization, and complex pricing logic. Built with React, Supabase, Tailwind CSS.

F1 Simulator Leaderboard: Freelance project for Landgame racing facility. Real-time telemetry processing from F1 2024 game, automatic track rotation, session management.

Maze Solver Robot: 1st place ITEC 2024 & 2025 Embedded Challenge winner. Built autonomous maze-solving robots using STM32, ultrasonic sensors, and custom navigation algorithms.

Drone Operations: Conducted photogrammetry for Sphinx Netflix documentary, industrial stockpile inventory, cadastral surveys. Operated DJI Matrice 400 with Zenmuse L2 LiDAR.

Custom Flight Controller: Designed and built from PCB to firmware; stable autonomous flight.

Technical Skills

Programming: Python, C, SQL, MATLAB

AI/ML: LangChain, LangGraph, Langfuse, OpenAI API, VLA Models, Semantic Search, ReAct Agents, Langsmith, LLM-as-a-Judge

Cloud & Tools: Azure, GCP, Docker, Firebase, Supabase

AI Coding Tools: Claude Code, Codex, Cursor, OpenCode, Antigravity (5B+ tokens usage in 2025)

Certifications

- Microsoft Certified: Azure AI Engineer Associate
- Databricks Certified Generative AI Engineer Associate
- AWS Certified AI Practitioner
- AWS Certified Cloud Practitioner
- Google Cloud Certified Generative AI Leader
- AWS Certified Generative AI Developer - Professional (Early Adopter)
- AWS Certified Solutions Architect - Associate
- AWS Certified Data Engineer - Associate
- AWS Certified Machine Learning Engineer - Associate
- Claude Certified Architect (Anthropic)
- AWS Certified AI Business Strategist (Early Adopter)
- AWS Certified CloudOps Engineer - Associate

Awards & Recognition

- OpenAI Devpost Hackathon - Best Overall Project Winner ($10,000 prize)
- NASA Space Apps Challenge Cluj-Napoca - Mentor
- ITEC Embedded Challenge Winner (2024, 2025)
- RebelDot AI Hackathon Winner (2024)
- Yettel Hackathon Budapest - Mobility Challenge Winner (€2500)
- Cluj Hackathon - Personalized Recommendation System Winner
- Innovation Labs Semi-Finalist (2022)
- IoT Student Challenge - 2nd Place (2022)
- Sibiu Innovation Days Hackathon - 3rd Place
- Huge if Real BRD Episode
- ViaClujTV IT Report Interview
- Featured on ProTV iLikeIT