



IONUT FILEA

Technical Lead | Project & Delivery Management | Applied AI

Software developer and engineer who connects technology, people and delivery.

CONTACT

Phone on request

Email ionut.filea@gmail.com

Location Brasov, Romania

Work On-site in Brasov or remote

Contract Employment or B2B

CORE STRENGTHS

- Technical team coordination
- Project and delivery management
- Requirements to execution plans
- Mentoring and train-the-trainer
- Client and stakeholder communication
- Applied AI and automation

APPLIED AI

- LLM products (Claude, GPT APIs)
- Agentic, multi-step workflows
- RAG and vector databases
- Persistent memory and context
- MCP servers and tool integration
- Prompt design and evaluation

SOFTWARE

- C#, .NET Framework / .NET Core
- ASP.NET MVC, Web API
- Entity Framework, SQL Server
- HTML, CSS, JavaScript
- OOP and design patterns
- Git, Agile / Scrum

ENGINEERING

- Industrial robotics and automation
- Siemens SIMATIC, WinCC, PCS 7 / Neo
- 3D design and printing (Blender, Tinkercad, Cura)
- Arduino, LEGO robotics platforms

EDUCATION

MSc, Mechatronic Systems for Industry and Medicine

Transilvania University, 2013 - 2016

Engineering degree (BEng), Robotics

Transilvania University, 2009 - 2013

PROFILE

Engineer with a robotics and mechatronics background and ten years across software development, industrial automation, R&D project management and technical training. I work best where technology meets people: coordinating technical teams, turning client requirements into plans people can execute, and helping others grow through mentoring - including training around 20 to 30 trainers and instructors.

Hands-on with applied AI: I designed and built an LLM-based strategy assistant with agentic workflows, retrieval-augmented memory and tool integrations, and I use AI agents daily to plan, build and verify software.

EXPERIENCE

Software Developer

Dec 2021 - Oct 2024 | Dec 2025 - Present

Siemens Advanta, Brasov (re-hired in 2025)

- Deliver development tasks on Siemens industrial software, mainly SIMATIC PCS neo, alongside SIMATIC Information Server, Process Historian, PCS 7 and WinCC.
- Validate and verify every proposed change before release, protecting the reliability of production-critical systems.
- Work closely with development and testing teams so new features integrate cleanly end to end.
- Stack: C#, .NET Framework / Core, ASP.NET MVC, Web API, Entity Framework, SQL Server, Git, Agile.

Founder and B2B Consultant

Feb 2019 - Present

FlavoTech Prod SRL, Brasov

AI Co-Founder Assistant - own product, built end to end

- Led product development and system architecture for an AI strategy advisor on the Claude and GPT APIs that gives co-founder-level input on business planning.
- Built agentic workflows that plan and execute multi-step tasks instead of single-shot prompts.
- Implemented a RAG and vector-database memory layer, so the assistant keeps context across sessions and grounds its answers.
- Connected it to external data and tools through custom MCP servers, so it acts on real systems rather than only chatting.

Chocolate 3D printing - own production line

- Automated the chocolate 3D-printing process for consistent, precise output.
- Ran order fulfilment end to end, from production to shipping.
- Trained staff on printer setup, calibration and food-safety protocols.

Project Manager - client engagement for SC ArtByte SRL

Mar 2025 - Oct 2025

- Designed and managed projects for national and EU funding programmes, from idea and budget to delivery and reporting.
- Coordinated cross-sector teams and set up partnerships with schools and other stakeholders.
- Kept projects compliant with funding rules and ran workshops on project development and grant writing.

Technical Manager and Trainer of Trainers

Oct 2019 - Present

Cartier Hub Learnex (Asociatia Suport Regiunea Centru), Brasov

- Coordinate a team of 2 trainers, keeping course quality and deadlines on track.

CERTIFICATIONS

Project Manager, 240 h (COR 242101)

Brasov Chamber of Commerce and Industry, 2025

Certified Trainer, 180 h (COR 242401)

Athena Training Centre, 2022

LANGUAGES

Romanian Native

English C2 (proficient)

SOFT SKILLS

- Communication
- Collaboration and teamwork
- Leadership
- Mentoring
- Problem solving
- Proactive approach
- Adaptability
- Working autonomously

- Trained and mentored around 20 to 30 trainers and instructors across multiple projects.
- Designed and teach courses in robotics and programming (LEGO WeDo, Mindstorms EV3, CoderZ, Arduino) and in 3D modelling and printing.

R&D Project Manager

Sep 2020 - Dec 2021

SC Robot Industries SRL, Brasov

- Led a 5-person technical team automating industrial robotic processes for clients.
- Owned solution design and delivery against client-specific requirements, including testing and validation with the company's robot portfolio.
- Built pricing proposals from application specifications and stayed the client's technical point of contact through delivery.

Design Engineer, Product Authority and Project Engineer

Apr 2016 - Feb 2019

Autoliv Romania, Brasov

- Acted as product authority for automotive safety products: owned product design documentation and handled customer feedback and complaints.
- Supported series production, product testing and new methods for product improvement.
- Ran continuous-improvement work on quality, cost and supplier performance, including production line transfers within safety and cost targets.
- Managed orders, shipping logistics and feasibility studies for customer-specific product variants.