

SORIN IOAN MOGA

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PROFESSIONAL SUMMARY

Highly experienced software engineer with a long track record of designing and developing complex software solutions.
Excellent analytical skills combined with a structured, results-oriented work ethic.
Pragmatic and creative problem-solver, recognized for being highly autonomous, organized, and eager to learn,
with a strong commitment to continuous professional development.
Proven international experience from working in three different European countries.

CORE COMPETENCIES

Methodologies & Management

Agile Project Management (Scrum, Kanban), DevOps & CI/CD Pipelines,
Requirements Analysis & Process Optimization, Software Architecture & Design

Leadership & Strategy

Team Leadership & Project Management, Agile Coaching & Mentoring,
Stakeholder Management, Prototyping & Technology Evaluation

Technologies & Expertise

- .NET Ecosystem: .NET Core, ASP.NET, C#, MAUI
- Web Technologies: JavaScript, TypeScript, HTML/CSS, REST APIs
- Cloud & DevOps: Azure DevOps, Hybrid Cloud Architectures, CI/CD
- Specializations: Generative AI & Prompt Engineering, GIS Technologies

PROFESSIONAL EXPERIENCE

Senior Software Engineer

since May 2019

sensis GmbH

Viersen, Germany

- Led the end-to-end design, management, and development of complex software projects, focusing on scalable and maintainable solutions in hybrid cloud and on-premises environments
- Introduced and facilitated agile methodologies, leading all agile ceremonies for multiple teams to foster a self-organized, highly efficient team culture
- Prototyped and evaluated innovative software solutions using GIS technologies and low-code platforms, successfully automating manual processes and establishing new company-wide technology standards

Senior Software Engineer

June 2018 - May 2019

P+M Business Solutions GmbH

Mönchengladbach, Germany

- Designed and implemented custom web-based software solutions for member organizations of the German Olympic Sports Federation (DOSB)
- Managed the entire system lifecycle, from development and release management to 3rd-level support, with a strong focus on user experience and efficiency
- Spearheaded the adoption of modern agile development methods, which significantly improved project transparency and team collaboration

Project Manager

February 2018 - June 2018

Fiege Logistik Stiftung & Co. KG

Mönchengladbach, Germany

- Led strategic projects in DevOps and contract logistics, overseeing the complete project lifecycle from concept and planning to execution and monitoring
- Successfully coordinated interdisciplinary teams and managed stakeholder relationships to ensure all project objectives were met

Senior Software Engineer
July 2005 - February 2018
JKK GmbH
Krefeld, Germany

- Served as Deputy Head of the R&D department, initiating, coordinating, and executing strategic research projects, particularly in digital cartography
- As a Certified Scrum Master, successfully transformed the company culture by implementing core Scrum ceremonies and coaching multiple teams towards greater autonomy and ownership
- Established a robust foundation for CI/CD by introducing, integrating, and customizing in-house and third-party DevOps solutions

Early Career
November 1996 - July 2005
Krefeld, Germany
Sibiu, Romania

- Held roles as a Software Engineer and Systems Engineer
- Designed, developed software solutions for building and process automation
- Developed browser engines for mobile devices
- Implemented and maintained network infrastructures
- Designed and implemented hardware and software solutions for various IT companies

PERSONAL PROJECTS

since 2026

Niblink (Trigger Detective)

AI-powered food & symptom tracker for autoimmune disease management
- Hybrid architecture: multimodal AI for food recognition + deterministic correlation engine for pattern detection
- Integrated German BLS and DGE nutrition databases
- Stack: .NET 8, Vue 3, TypeScript, Tailwind, SQLite

since 2025

RIS4U

AI-powered document management for German municipalities
- Automated discovery, OCR, and AI analysis of municipal documents with semantic search via vector embeddings (pgvector)
- Multi-provider AI integration (Ollama, Mistral, Azure OpenAI)
- Stack: .NET 8, Vue 3, TypeScript, PostgreSQL, Docker

EDUCATION

1997 - 1998
Lucian Blaga University
Sibiu, Romania

Master of Science in Computer Science
Graduated with high distinction (Final Grade: 1.2)
Faculty of Engineering, Computer Science Department

1992 - 1997
Lucian Blaga University
Sibiu, Romania

Bachelor of Science in Computer Science
Including a TEMPUS/PHARE scholarship at University of Plymouth, England
Graduated with high distinction (Final Grade: 1.4)
Faculty of Engineering, Computer Science Department

CERTIFICATIONS

2009

Certified ScrumMaster® (CSM)
Scrum Alliance

LANGUAGES

English
German
Romanian

Fluent
Native-level
Native