



Cristian Mandragiu

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● WORK EXPERIENCE

SOLUTION ARCHITECT – TSSI – 01/09/2022 – Current

Responsibilities:

- Balancing technological opportunities with business requirements
- Maintaining a holistic view of the organization's strategy, processes, information and ICT assets
- Defining system architecture; Modifying and optimizing architectures according to client's requirements; Ensuring compatibility between proposed architectures and existing architecture and security standards
- Designing technical solutions together with the developers and business analysts
- Application architecture – modules, determining components to be used
- Establishing and monitoring tasks
- Coordinating development team
- Estimating implementation effort and sizing the team
- Identify and solve performance issues

Projects:

RegesOnline

Client: Labor Inspection

Development and implementation of an integrated information system used by the romanian private companies and public organizations to report work relations with the employees - contracts, suspensions, delegations, transfers.

Technologies: Linux, Kubernetes, Rancher, Docker, Harbor, Keycloak, ASP.NET Core MVC, Flutter, Apache Kafka, MinIO, Redis, Microsoft SQL Server 2019

Implementation period: 2024 - 2026

e-Pass

Client: Romanian Ministry of Foreign Affairs

Development and implementation of an integrated information system serving the romanian citizens living abroad to obtain passports and emergency travel documents.

Technologies: Windows Server 2012R2, Microsoft SQL Server 2014, Microsoft .Net Framework 4.7, IIS, ASP.NET MVC, Biometric data capture devices (Canon, Dermalog, Integrated Biometrics, Wacom), Travel documents scanners and printers (OsmondR, Diletta, Avision, Lexmark)

Implementation period: 2022 - 2024

BUSINESS GROUP MANAGER – TEAMNET INTERNATIONAL – 31/05/2013 – 01/09/2022 – BUCHAREST, ROMANIA

Built and lead a team of 100 technical project managers, business analysts, software developers and GIS specialists, having 10 direct reports.

Supervised 30+ projects with hands-on activities in most strategic ones - personal contribution to system architecture. Most important clients: Romanian Special Telecommunications Service (112), Republic of Cyprus - Nicosia Police (112), European Space Agency, National Environment Protection Agency, National Agency for Cadaster and Land Registration, Romanian Waters National Administration, Bucharest City Hall.

Main responsibilities:

- Identifying and managing potential business opportunities specific to the field of business - Smart City (Smart Environment, Smart Security, Smart Transportation)
- Financial management of the department
- Team coordination and management
- Managing the entire project lifecycle
- Coordination of L2 and L3 support services for delivered solutions
- Deliverables control and approval

- Managing suppliers and subcontractors on technical matters to ensure adequate integration in the delivered solution
- Implementation and improvement of company procedures and working instructions
- Ensuring L1 support team training and approving project's transition to the support phase
- Approving project closing reports from the technical perspective

BUSINESS UNIT MANAGER – TEAMNET INTERNATIONAL – 02/2009 – 06/2013 – BUCHAREST, ROMANIA

Built and lead a team of 15 business analysts and software developers.
Participated in 12 projects as technical manager and architect, with personal contribution to business analysis and software design and development phases.

Most important clients: Romanian Special Telecommunications Service (112), National Environment Protection Agency, Bucharest City Hall.

Main responsibilities:

- Identifying and managing potential business opportunities specific to the field of business - Emergency Management Services
- Financial management of the department
- Team coordination and management
- Managing the entire project lifecycle
- Coordination of L2 and L3 support services for delivered solutions
- Deliverables control and approval
- Managing suppliers and subcontractors on technical matters to ensure adequate integration in the delivered solution
- Implementation and improvement of company procedures and working instructions
- Ensuring L1 support team training and approving project's transition to the support phase
- Approving project closing reports from the technical perspective

SOLUTION ARCHITECT – TEAMNET INTERNATIONAL – 01/02/2007 – 01/09/2022 – BUCHAREST, ROMANIA

Responsibilities:

- Defining software architecture; Modifying and optimizing architectures according to client's requirements; Ensuring compatibility between proposed architectures and existing architecture and security standards
- Designing technical solutions together with the developers and business analysts
- Application architecture – modules, determining components to be used
- Establishing and monitoring tasks
- Coordinating development team
- Estimating implementation effort and sizing the team
- Identify and solve performance issues

Projects:

SNUAU-NEXT – 112 Emergency Call System

Client: Romanian Special Telecommunications Service (112)

Development and implementation of an integrated information system serving the emergency management agencies in the 112 emergency calls handling and intervention resources dispatching processes.

Technologies: Windows Server 2012R2, Red Hat Enterprise Linux Server, Microsoft SQL Server 2014, Microsoft System Center 2012, Microsoft .Net Framework 4.5, ESRI ArcGIS Server & Desktop tools, WPF, IIS, ASP.NET MVC/WebAPI, VoIP, Asterisk PBX, Python, Rohde&Schwartz Radio Gateway, Motorola Border Router & CCGW

Implementation period: 2015 -

112 Cyprus – 112 Emergency Call & eCall System

Client: Nicosia Police

Development and implementation of an information system serving the Police agency in the 112 normal emergency calls and 112 eCalls handling process.

Technologies: Windows Server 2012R2, CentOS, Microsoft SQL Server 2014, Microsoft .Net Framework 4.5, WPF, IIS, ASP.NET MVC/WebAPI, VoIP, Asterisk PBX, Python, Flutter, SMPP

Implementation period: 2017 -

PACIS 6 GOVSATCOM – SatCom enabled services for Emergency Situations Management

Client: European Space Agency.

Development and implementation of two emergency management services as part of the INVISON platform powered by INMARSAT. The platform federates available SatCom services and applications to meet extended mission communications requirements of EU institutional users throughout a global coverage area.

Technologies: Windows Server 2012R2, Microsoft SQL Server 2017, Microsoft .Net Framework 4.5, Angular, SatCom terminals and services

Implementation period: 2019 - 2020

SIM – Environment Protection Information System

Client: National Environment Protection Agency

Development and implementation of an information system providing a completely integrated platform for ten different environment protection domains.

Technologies: Windows Server 2008R2, IBM AIX, Oracle Database, SAP Netweaver, ESRI ArcGIS Server, IIS, Microsoft .Net Framework 4.0, Apache Tomcat, Java.

Implementation period: 2011 - 2016

WIMS – Water Information Management System

Client: Romanian Waters National Administration

Development and implementation of an information system that aims to optimize integrated approach of water management.

Technologies: Microsoft .Net Framework 2.0, Microsoft SharePoint 2007, Microsoft SQL Server 2005, ESRI ArcGIS Server & Desktop tools

Implementation period: 2007-2010

SOFTWARE DEVELOPER – TOTALSOFT – 06/2006 – 01/2007 – BUCHAREST, ROMANIA

- Responsible with *SILAB product migration to Reporting Services*
- Responsible with the development and optimization of *SynevoOLAP solution*
- Responsible with the maintenance and development of *SynevoWeb solution*

Proposed and implemented the upgrade of the SILAB product from Microsoft .NET Framework 1.1 to 2.0

Technologies: Visual Studio 2003, Visual Studio 2005, Microsoft .NET Framework 1.1&2.0, Visual Source Safe, Microsoft SQL Server 2005 Database/Integration/Analysis/Reporting Services, Crystal Reports

SOFTWARE DEVELOPER – INFO WORLD – 07/2004 – 07/2006 – BUCHAREST, ROMANIA

- Member of development team for "*Business Intelligence Extensions for Hospital Manager Suite*"
- Responsible with the implementation and support of *DRG* product – case based financing for hospitals
- Responsible with implementing the denomination for *Hospital Manager* product
- Responsible with the build process for *Hospital Manager Suite*
- Responsible with the design and development of the logging system for *Hospital Manager Suite*.

"*Business Intelligence Extensions for Hospital Manager Suite*" – pilot project developed with Bucharest University Emergency Hospital, using Microsoft SQL Server 2005 features for the first time in Romania.

Contribution to the design of data warehouse, design of OLAP cubes for medical procedures and costs analysis, design of ETL mechanisms – using SQL Server 2005 Integration Services platform.

Contribution to the development of the reporting system using OLAP – SQL Server 2005 Analysis & Reporting Services.

Technologies: Visual Studio 6.0(Visual Basic 6.0), Visual Studio 2003, Microsoft .NET Framework 1.1&2.0, Visual Source Safe, Microsoft SQL Server 2000, Microsoft SQL Server 2005 Database/Integration/Analysis/Reporting Services, Crystal Reports, Automated Analysers

● EDUCATION AND TRAINING

2004 – 2007 Bucharest, Romania

MASTER OF SCIENCE, PROJECT MANAGEMENT Bucharest University of Economic Studies

1998 – 2004 Bucharest, Romania

BACHELOR OF SCIENCE, ECONOMIC INFORMATICS Bucharest University of Economic Studies

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1
FRENCH	B1	B1	A2	A2	A2
GERMAN	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DRIVING LICENCE**

Driving Licence: B

● **JOB-RELATED SKILLS**

Job-related skills

- Project Management
- Team Leading
- Systems Architecture
- Software Development
- Business Analysis
- Technical Training
- Presales & Bid

● **CERTIFICATIONS**

Certifications

The Open Group Certified: TOGAF® 9 Foundation (2022 - present)
Certified Scrum Product Owner (2012 - 2018)
M_o_R® Certification - Management of Risk Practitioner (2010 - 2015)
Microsoft Certified Trainer (2009)
Microsoft Certified Solution Developer (2007)

● **COURSES**

Courses

Mastering Your Personal Leadership (2013)
TenStep PMP® Exam Preparation (2010)
M_o_R® Foundation and Practitioner Course (2010)
Presentation Skills Course - MTW Romania (2009)
Time Management Course(2007)

● **ORGANISATIONAL SKILLS**

Organisational skills

Leadership - responsible for a team of 100 people, coaching and mentoring together with the direct reports
Good organisational skills - managed more than 30 large integration projects with 7 teams
Good team-leading skills - gained while actively involving in projects

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Good communication skills gained through both my experience as a line manager and the interaction with various key stakeholders