

CURRICULUM VITAE

Position Title	Software Engineer
Name of Expert:	Marius Dumitrașcu
Date of Birth:	12 August 1977
Country of Citizenship/Residence	Romania

Education:

- Economics High-School of Constanta – IT section, Graduated in 1996
- Politehnica University of Bucharest – The Faculty of Automation and Computers, 1996 – 2001
- Management Faculty of Brasov - Graduated in 2008

Certifications:

- 630/AK-TAR/05/2023-IT Security Management Systems Specialist according to ISO/IEC 27001:2022
- Offensive Security - Wireless Professional Certification, Completed in 2021
- Brainbench - C++ Certification, Completed in 2005
- Brainbench - ASP.NET Certification, Completed in 2005
- Brainbench - JavaScript Certification, Completed in 2005
- Pro Management - Programming a Microsoft SQL Server 2000 Database, Completed in 2003
- Pro Management - Business Intelligence with Microsoft SQL Server 2000, Completed in 2003

Professional Experience Record:

Period	Employing organization and position	Country	Summary of activities performed
September 2006 - present	CVU Intelligence/ CEO CODWER SRL /CEO	Romania	<p>As the founder of the companies, I have been running the Managing Director position.</p> <p>With the business evolution, I have been Software Developer, Technical Leader/Writer/Trainer, Project Manager, Business Analyst, Software Architect and Managing Director.</p> <p>Mostly, I built and maintained teams, training more than 200 people in Internship programs.</p> <p>Within my roles in the company, I was in charge of projects like Government Platforms, CRMs, Community Applications (Facebook like), Business Consulting Application, ERP and presentation applications (websites), Mobile Apps development (Android, iOS and Blackberry), Outsourcing for HR</p>

			<p>software applications.</p> <p>Development of owned products (HR software, Small Business Helper, Mobile Apps)</p> <p>Since 2021 we have created and taught extra-curricular programming and cybersecurity courses at UTM, launching last year the CODWER Academy.</p> <p>CODWER Academy is a learning and innovation laboratory within the prestigious higher education institution - Technical University of Moldova. With one year of experience, our lab has quickly established itself as a vibrant and dynamic hub that offers young people great opportunities to develop their skills in a secure and interconnected digital environment.</p> <p>This year, in September, I was more than honored to start a new position at UTM, as a professor.</p> <p>I am also Trainer at Cybercor, the Information Security Research Institute in Moldova.</p> <p>Responsibilities: Managing Director / Software Architect / Project Manager / Business Analyst / Technical Leader/Writer/Trainer / Software Developer</p> <p>Technologies stack: ASP.NET (up to current versions) / C#, Objective C for iOS, Java Mobile, Flash / ActionScript 2.0, MS SQL Server (up to current versions), DevExpress Web Controls (up to current versions), CodeSmith / nettiers, ISAPI Rewrite 3.0, Adobe Photoshop, Adobe Dreamweaver.</p> <p>Project 1 – HEMIS Higher Education Management Information System (HEMIS) will be implemented to serve higher education institutions in the country, providing a centralized platform for managing educational, administrative and financial data. The system will integrate various modules, including institution profile management, students’ management, human resources management, budget management and report generation. HEMIS will facilitate data exchange with other government information systems and ensure security and protection of managed information.</p> <p>Responsibilities: Business Analyst Period: March 2024 – Present Technologies stack: Blazor WebAssembly, .NET 8, PostgreSQL, Docker, Kubernetes, Azure DevOps</p>
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			<p>Methodology: Water-Scrum-Fall</p> <p>Activities:</p> <ul style="list-style-type: none"> ➤ Analyzing business requirements to tailor the best solution ➤ Support identifying and understanding business requirements ➤ Developed software business processes from non-IT beneficiaries, the Ministry of Labour and Social Protection ➤ Worked with teams to obtain an in-depth understanding of the product and the documentation requirements ➤ Check and review architecture and code, e.g., check if defined patterns and coding standards are implemented properly ➤ Assist and consult the development team. <p>Project 2 – RERU (Recruitment and Evaluation of Human Resources)</p> <p>The informational system for Recruitment and Evaluation of Human Resources is designed to automate the business processes of professional skills assessment, psychological profile, etc. of Ministry of Internal Affairs employment candidates and Ministry of Internal Affairs employees. The solution provided is capable of digitize the business processes specific to the planning and evaluation of human resources providing configuration and adaptation capabilities, methodological and legal modifications to support all types of assessments.</p> <p>Responsibilities: Business Analyst, Trainer</p> <p>Period: 2021 – 2023</p> <p>Technologies stack: C#, .NET Core MVC, Entity Framework, .NET Dependency Injection, Web API (REST API), JSON, XML, ASP .NET, SQL Server 2019</p> <p>Environment: Web</p> <p>Methodology: Agile, Scrum</p> <p>Activities:</p> <ul style="list-style-type: none"> ➤ Business analysis and planning the best tailored solution ➤ Defining the scope and objectives of the application based on client's business requirement ➤ Support identifying and understanding business requirements ➤ Worked with teams to obtain an in-depth
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			<p>understanding of the product and the documentation requirements</p> <ul style="list-style-type: none"> ➤ Design systems and take decisions based on requirements ➤ Prepared training materials, remote training modules for e-learning platforms for end users ➤ Created and updated documentation ➤ Created User Manuals for multiple user types <p>Project 3 -Warehouse management platform – SSL</p> <p>The project integrated in the client’s daily in-house activity, works in a symbiosis with an older ERP system and is the sum of different components ranging from web applications to Windows services.</p> <p>Responsibilities: Business Analyst, Project Manager, Trainer</p> <p>Period: 2009 – 2023</p> <p>Technologies stack: C#, MVC, Web API, SQL SERVER, HTML, CSS</p> <p>Environment: WEB, .NET, IIS, iOS</p> <p>Methodology: Agile, SCRUM</p> <p>Platforms: Windows, HTTP/HTTPS, Visual Studio 2008/2010/2012/2013</p> <p>Activities:</p> <ul style="list-style-type: none"> ➤ Defining the scope and objectives of the application based on client's business requirement ➤ Support identifying and understanding business requirements ➤ Creating the project schedule and updating it according to the stakeholder’s feedback and to the available resources ➤ Identifying risks, informing stakeholders about them, and together with the project team find proper solutions ➤ Ensuring that the project is run efficiently and completed on time ➤ Focused on improving existing business processes ➤ Participated in weekly meetings to discuss about outstanding issues encountered by the team, customer specific requests, future enhancements etc. ➤ Drove the team daily through optimal resource allocation, prioritization of tasks and follow-up/support of technical issues.
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			<p>Project was developed to showcase different refurbished and new networking equipment by making available filtering and sorting options, displayed with different layouts. In addition, there were also simulators for connecting the available products in specific network configurations.</p> <p>Responsibilities: Business Analyst, Project Manager, Trainer Period: 2018 – 2022 Technologies stack: C#, .Net Framework, ASP.NET Core MVC, Entity Framework, SQL Server, SSRS 2012 Methodology: Agile, SCRUM Activities:</p> <ul style="list-style-type: none"> ➤ Support identifying and understanding business requirements ➤ Worked with teams to obtain an in-depth understanding of the product and the documentation requirements ➤ Design systems and take decisions based on requirements ➤ Check and review architecture and code, e.g., check if defined patterns and coding standards are implemented properly ➤ Coach, assist and consult developer ➤ Create internal tasks for team ➤ Created User Manuals for multiple user types ➤ Prepared training materials, remote training modules for e-learning platforms for end users. ➤ Training sessions for system administrators ➤ Created and updated documentation <p>Project 6 -WMS Project developed in order to help the client to manage his warehouse inventory using mobile devices and connecting them through backend to various couriers.</p> <p>Responsibilities: Business Analyst, Project Manager, Trainer Period: 2018 – 2022 Technologies stack: C#, .Net Framework, ASP.NET Core MVC, Entity Framework, SQL Server Methodology: Agile, SCRUM Activities:</p> <ul style="list-style-type: none"> ➤ Support identifying and understanding business requirements ➤ Worked with teams to obtain an in-depth
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			<p>understanding of the product and the documentation requirements.</p> <ul style="list-style-type: none"> ➤ Design systems and take decisions based on requirements ➤ Check and review architecture and code, e.g., check if defined patterns and coding standards are implemented properly ➤ Coach, assist and consult developers ➤ Create internal tasks for team ➤ Created User Manuals for multiple user types ➤ Prepared training materials, remote training modules for e-learning platforms for end users. ➤ Training sessions for system administrators ➤ Created and updated documentation <p>Project 7 – KFOR KCT is an application that comes in addition to the main IntelFS application, to help a group of people called KFOR Collators process various documents to extract and add data to IntelFS.</p> <p>Responsibilities: Project Manager, Business Analyst, Trainer</p> <p>Period: 2020 – 2023</p> <p>Technologies stack: C#, JavaScript, Typescript, HTML/CSS, Entity Framework, ASP .NET MVC, Semantic UI, Angular</p> <p>Environment: Web</p> <p>Methodology: Agile, Scrum</p> <p>Platforms: Web, Jira, Git, Azure DevOps</p> <p>Activities:</p> <ul style="list-style-type: none"> ➤ Support identifying and understanding business requirements ➤ Worked with teams to obtain an in-depth understanding of the product and the documentation requirements. ➤ Design systems and take decisions based on requirements ➤ Check and review architecture and code, e.g., check if defined patterns and coding standards are implemented properly ➤ Coach, assist and consult developers ➤ Create internal tasks for team ➤ Created User Manuals for multiple user types ➤ Created e-learning/tutorials for multiple features and different types of users using ISpring (an application to create online courses)
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			<ul style="list-style-type: none"> ➤ Prepared training materials, remote training modules for e-learning platforms for end users ➤ Training sessions for system administrators <p>Project 8 -INTEL-FS Search and Query Builder</p> <p>The project consisted of developing a new Search and a Query builder application, implemented using Angular and OData. The application provides the intelligence community with an integrated, robust, and flexible capability supporting a set of services available for the direction, collection, processing, and dissemination of intelligence. The application has a user community of more than 2,500 users, several million products collected over many years, multi-year collection of data, and storing more than 1 TB of data.</p> <p>Responsibilities: Project Manager, Business Analyst, Trainer</p> <p>Period: 2019 – 2020</p> <p>Technologies stack: C#, OData, Web API, LINQ, Entity framework, Angular, Elasticsearch</p> <p>Environment: Web</p> <p>Methodology: Agile, Scrum</p> <p>Platforms: Web, Jira, Git</p> <p>Activities:</p> <ul style="list-style-type: none"> ➤ Support identifying and understanding business requirements ➤ Worked with teams to obtain an in-depth understanding of the product and the documentation requirements. ➤ Organizing meetings with the project team (programmers, testers, quality assurance engineers, sample analyst, media programmers, quotation executives etc.) to establish the project specifications, goals, identify risks / solutions and set the project schedule ➤ Engaged on improving existing business processes ➤ Coach, assist and consult developers ➤ Planning, managing and closing Sprints ➤ Performance assessment and monitoring ➤ Created User Manuals for multiple user types ➤ Created e-learning/tutorials for multiple features and different types of users using ISpring (an application to create online courses) ➤ Prepared training materials, remote training modules for e-learning platforms for end users ➤ Training sessions for system administrators
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			<p>Project 9 - Evrlink Evrlink is a game-changing talent app for job seekers, and networkers. Whether you're searching for a new job or looking to make some extra cash by referring job opportunities to others in your network, Evrlink is the first of its kind networking app that connects and rewards people who help each other find their next dream job.</p> <p>Responsibilities: Business Analyst, Project Manager, Trainer Period: 2017 – 2022 Technologies stack: Android, iOS, JavaScript, AngularJs, HTML, CSS Environment: Web Methodology: Agile, Scrum Platforms: Web, Jira, Git Activities:</p> <ul style="list-style-type: none"> ➤ Defined project objectives, scope and deliverables ➤ Planning, managing and closing Sprints ➤ Coach, assist and consult developers ➤ Accountable for managing the delivery of projects and ensuring that best value is obtained for both teams and project ➤ Collaborated with stakeholders to accurately identify and understand needs and key requirements ➤ Responsible for estimating the work to be done, identifying dependencies & resources needed for each project ➤ Pro-actively working on minimizing the impact of issues and risks on the projects ➤ Keeping track of people and progress ➤ Monitoring and manage the project budget ➤ Ensure project meets requirements and objectives. ➤ Create User Manuals for all types of users ➤ Prepared training materials, remote training modules for e-learning platforms for end users. ➤ Training sessions for system administrators
August-2009-September 2010	amsbg Vienna / a SIEMENS Company	Romania	Management for one of the most important projects in Romanian Public Sector. Leading the analysis phase and writing the project documentation (software requirements specification, project handbook, quality assurance plan, risk management log etc.). Contact and reporting to the Customer regarding the

			<p>status of the project. Building the development team with 18 members. The team was distributed in 2 cities. Tasks management and tracking.</p> <p>Responsibilities: Project Manager Technologies stack: J2EE, JSF, RichFaces, SEAM, WebSphere, TIVOLI, DB2, Visual C++ / VB 6.0</p>
June 2009-December 2007	DirectVision	Romania	<p>Project management for software applications for traveling industry and entertainment. The most important project is http://www.mytinyplanets.com. I have managed a distributed team of 10 members in RO and UK.</p> <p>Responsibilities: Technical Leader / Senior Software Developer Technologies stack: ASP.NET 2.0 / C#, Visual C++ 6.0 / VB 6.0, Flash / ActionScript 2.0, Shockwave, WebORB, MS SQL Server 2005</p>
February 2006-June 2006	Garanta Asigurari SA	Romania	<p>Developing applications used for assurance business. Leading a team of 4 persons, tasks management and tracking.</p> <p>Responsibilities: Technical Leader Technologies stack: ASP.NET 2.0 / C#, MS SQL Server 2000</p>
May 2005-February 2006	Fasma	Romania	<p>Developing applications used for credit systems. Leading a team of 4 members</p> <p>Responsibilities: Technical Leader Technologies stack: ASP.NET 2.0 / C#, MS SQL Server 2000, Telerik Controls</p>
May 2000 - April 2005	SIVICO Romania SA	Romania	<p>Programming in Visual C++ (for 2 years). Developing web applications with Java technology (Orion server). Developing and maintaining applications with VB 6.0. Developing client/server and web applications using ASP.NET 1.1</p> <p>Responsibilities: Software engineer Technologies stack: Visual C++, VB 6.0, ASP.NET 1.1 / C#, J2EE, Struts, MS SQL Server 2000, Oracle.</p>

April 2002 – October 2004	Hewlett-Packard GmbH Germany	Romania	<p>Developer in Global Operations IT, Web Mastering & Support Services department Developing web applications for internal departments in HP worldwide.</p> <p>Responsibilities: Software developer – contracted from Siveco Romania SA</p> <p>Technologies stack: ASP, ASP.NET 1.1, MS SQL Server 2000, MySQL, Adobe Photoshop 5.5, DreamWeaver 4.0</p>
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Language Skills:

Language	Reading	Speaking	Writing
Romanian	native	native	native
English	C1	C1	C1
French	B1	B1	B1