

Corina RUSU

Software Developer

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PROFESSIONAL PROFILE

Backend Developer with over 12 years of experience in software development, with deep competencies in C#, .NET Framework/.NET Core, Entity Framework and SQL Server. Significant experience in development of critical systems: investment banking (X-One - Societe Generale, global Forex transaction processing), enterprise automation platforms (PROCESIO) and energy management applications. Proven competencies in API development, CI/CD pipelines (Azure DevOps), performance optimization and Scrum Master.

ROLE IN THE MMS MOLDELECTRICA PROJECT

As Software Developer in the MMS Moldelectrica project, will develop backend components of the platform:

- Development of MMS backend (C#/.NET services for energy market data processing)
- Implementation of RESTful APIs for integration with frontend, SCADA/EMS and external systems (ENTSO-E)
- Management of databases (SQL Server, Entity Framework) - data structures for time series, settlement, scheduling
- Configuration and maintenance of CI/CD pipelines (Azure DevOps) for deployment to 3 environments
- Implementation of reporting and data export modules (MS Excel, CSV, XML)

KEY COMPETENCIES

✓ C#, .NET Framework, .NET Core, ASP.NET	✓ Entity Framework, SQL Server, LINQ
✓ RESTful API Development	✓ CI/CD Pipelines (Azure DevOps, Jenkins, GitHub Actions)
✓ Scrum Master, Agile/Scrum	✓ Performance Optimization
✓ Investment Banking Systems (X-One)	✓ Linux Administration, Cisco CCNA

PROFESSIONAL EXPERIENCE

Backend Developer Ringhel Team SRL (PROCESIO)	Feb 2021 - Present
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Development of PROCESIO platform backend and energy management modules.

- Development and maintenance of backend C#/.NET services for PROCESIO enterprise automation platform
- Design and implementation of new features for energy management modules (contracting, billing, reporting)
- Development of RESTful APIs for integration with frontend and third-party systems in energy market
- Management and optimization of SQL Server databases with Entity Framework - processing large volumes of energy data
- Setup and management of CI/CD pipelines (Azure DevOps) for automated deployment
- Scrum Master - coordination of Agile ceremonies and facilitation of development team

- Code review, mentoring junior developers and creation of technical documentation

Relevant clients: E.ON, Electrica Furnizare, Engie, CEZ Romania

.NET Developer CGI Romania	Mar 2019 - Feb 2021
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- Development on RXPPOS360 project (Document, Socle, Engine modules) with .NET Core
- Implementation of new features, bug fixing, Web API development with Couchbase database
- Experience with complex enterprise systems with multiple integrated modules

Software Engineer / Scrum Master Societe Generale European Business Services	Mar 2016 - Mar 2019
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Development on X-One - strategic investment banking application for global Forex transaction processing.

- Development on X-One, SG's strategic investment banking application - processing Forex transactions at global level (PA, LDN, NY, HK, BLR)
- Release Management on Forex Asset Class - coordination of releases across multiple markets
- Scrum Master coordinating feature team and Agile ceremonies
- Analysis of requirements, System design, Unit testing - WinForms, WCF, XML, .NET Framework 4.5, C#, Oracle
- Experience with mission-critical financial systems with strict requirements for availability and security

Junior .NET Developer SG EBS / H Grup IT Expert	Mar 2015 - Mar 2016
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- Development of internal HR tools, training on web technologies, practice on generic website

EDUCATION

Bachelor's in Engineering - Computer Science (Systems Engineering)

Universitatea Politehnica Bucuresti, Facultatea de Automatica si Calculatoare

2010 - 2014

CERTIFICATIONS AND COURSES

- IBM Linux Server Administration Course (2012)
- Cisco Certified Network Associate Exploration (Modules 1-3)
- Cambridge ESOL Examination Level 2 - English Advanced

FOREIGN LANGUAGES

- Romanian - Native
- English - Advanced (Cambridge Level 2)
- French - Intermediate