

Mihai CIOCAN

Technical Lead / Senior Programmer

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PROFESSIONAL PROFILE

Senior Programmer and Technical Lead with over 15 years of experience in developing enterprise software solutions for the energy sector. In-depth competencies in C#, .NET Framework, .NET Core, ASP.NET, Entity Framework and SQL Server. Within Ringhel Team, leads development team for energy management platform used by major market operators (E.ON, Electrica Furnizare, Engie). Previous experience as Product Manager at Ciel Romania (product vision, roadmap, team coordination) and Senior Programmer with focus on critical data processing systems.

ROLE IN THE MMS MOLDELECTRICA PROJECT

As Technical Lead of the MMS Moldelectrica project, you will lead the development team in implementing all modules:

- Management of development team and distribution of technical tasks across MMS modules
- Implementation of core engines: scheduling engine, balancing market clearing, settlement calculator
- Development of interfaces with external systems through RESTful APIs and XML/SOAP web services (ENTSO-E ESS, ECAN)
- Implementation of business rules engine and validation engines (schedule validation, offer validation)
- Code review, mentoring and guidance of developers for code quality
- Optimizarea performantei bazei de date si a proceselor de calcul (settlement, capacity calculation)

KEY COMPETENCIES

✓ C#, .NET Framework, .NET Core, ASP.NET	✓ Entity Framework, LINQ, SQL Server
✓ RESTful API Development, WCF, Web Services	✓ Microservicii, Event-driven patterns
✓ Code Review, Technical Documentation	✓ Product Management (viziune, roadmap)
✓ Algoritmi de calcul si structuri de date	✓ Debugging, Performance Optimization

PROFESSIONAL EXPERIENCE

Senior Programmer / Technical Lead Ringhel Team SRL (PROCESIO)	Ian 2018 - Present
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Management of development team for energy management platform.

- Leads design and implementation of software solutions for energy industry (GeFEE platform and PROCESIO)
- Implementation of energy scheduling, contracting, settlement and reporting modules
- Development of RESTful APIs and web services for integration with distribution and transmission operator systems
- Implementation of validation engines and business rules engine for market processes
- Optimizarea performantei bazei de date SQL Server pentru procesare volume mari de date energetice (time series, settlement calculations)

- Mentoring and guidance of development team, facilitation of technical discussions and architectural decisions
- Coordination with other departments for correct technology integration

Relevant clients: E.ON, Electrica Furnizare, Engie, CEZ Romania, Nova Power & Gas

Product Manager Ciel Romania	Ian 2015 - Dec 2017
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- Definition of product vision, strategy and roadmap for business applications
- Collaboration with engineering, marketing and sales teams for strategic alignment
- Collection and prioritization of product and client requirements, management of product backlog
- Competitive analysis and market research for product positioning

Senior Programmer Ciel Romania	Iul 2010 - Ian 2015
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- Custom software development aligned with company and client needs
- Implementation of best practices in coding, testing and documentation
- Technical guidance and mentoring, participation in code reviews

Senior Programmer SC Electra Total Consulting SA	Nov 2008 - Iun 2010
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- Design, coding, testing and deployment of applications for energy sector clients
- Direct collaboration with clients for understanding business requirements
- Ensuring performance, quality and responsiveness of applications

EDUCATION

Bachelor's - Cybernetics, Statistics and Economic Informatics

Academy of Economic Studies, Bucharest

1995 - 2000

FOREIGN LANGUAGES

- Romanian - Native
- English - Intermediate-Advanced