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# Theodor-Mihai 'Mike' Roibu

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## Professional Summary

Experienced and driven programmer and team leader. Well versed in tying IT delivery targets to business stakeholder goals and improving IT processes as a whole.

Diverse full-stack knowledge, specialising in web service-based development, both front and back-end. Broad experience designing, developing and maintaining anything from small web tools for internal use to multi-million user large systems, both niche game development tasks and enterprise retail systems.

Always looking for new experiences and knowledge.

## Skills

- Comfortable leading teams (5+ developers) in both agile and non-agile processes and liaising with business stakeholders on development team's behalf
- Proficient in C#, Javascript; Competent in Python, C++
- Good knowledge of SQL (MySQL, SQL Server) and NoSQL (Cassandra)
- Experience clarifying business requirements, writing technical designs and architecting solutions for small and medium size projects, including accounting for existing legacy code, technical debt removal and soft aspects of time, people and project management
- Extensive experience driving gradual migration to new technologies and language versions, such as migrating a landscape of .NET Framework applications to .NET Core
- Deep knowledge of build/devops systems and associated tooling, including TeamCity, Jenkins, Octopus Deploy, various source control technologies (Git, Perforce), and the benefits for moving towards a DevOps rapid delivery process
- Experience managing both Linux and Windows servers in both dedicated server (OVH, bare-metal) and cloud platform (AWS, GCP, Azure) environments
- Well-versed in mathematics and applications thereof in computer science and programming

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## Experience

### **WiggleCRC, Portsmouth (UK) - Back-end Lead Developer**

MAY 2019 - PRESENT

- Spearheaded efforts to analyze and recover failing in-flight projects, identifying both IT and non-IT bottlenecks and problem areas, and establishing next steps for development to resume effectively
- Led team of 2-4 developers focused on back-end systems in working on new systems, improvements to existing systems, and updating of legacy systems
- Worked closely with Business Analysts and Project Managers to improve requirements gathering and project planning processes to streamline development and minimise incidents and interruptions
- Interacted with stakeholders from all business functions for project delivery at every stage of the process, representing development team professionally
- Adjusted timeline expectations and improved estimation accuracy considerably, through mentoring and rigorous reviews of existing processes
- Authored both high and low level technical design documents for products and projects and architecture for back-end projects, focusing on extensibility, reuse and potential for enhancements of existing legacy architecture around project scope
- Interacted with third party outsourcers and independent consultants for work and review of work done, proposed designs, and future work
- Development work mainly in C# with major technologies: ASP.NET including Core, NServiceBus, Mulesoft/Anypoint, Microsoft SQL Server 2012+, Azure (Service Bus/Fabric, App Service, Kubernetes Service)

### **Freejam Games, Portsmouth (UK) - Lead Server Developer**

OCT 2017 - APR 2019

- Continued work on all projects of the company, including extensive improvements of legacy systems as well as increasing testability of codebase
- Designed, implemented and maintained new secure GDPR-compliant unified authentication system, built for unifying authentication across the company's games
- Led backend team on the general tasks and improvements in progress
- Developed mainly in C# including web services leveraging ASP.NET (.NET Framework and Core) and Javascript for front-end development



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## **Freejam Games, Portsmouth (UK) - Senior Server Developer**

DEC 2014 - OCT 2017

- Worked on multi-million user project, Robocraft, as well as multiple new projects, leveraging existing architecture and reusing existing infrastructure where possible
- Worked on maintaining and improving existing infrastructure and codebase, while developing extensive tooling for both development team and associated marketing/etc teams
- Successfully migrated entire backend codebase from using third party services to home-grown services relying on established technology such as Photon Server, Cassandra, Redis and MySQL
- Integrated new release with Microsoft Xbox APIs server-side for Xbox-released Robocraft Infinity, as well as developing and securing build and deployment pipeline and server-side infrastructure for it
- Built and maintained build and deployment pipeline for clients and servers, as well as managed systems in both dedicated server and cloud platform scenarios
- Developed mainly in C# including web services leveraging ASP.NET (OWIN) and Javascript for front-end web development

## **Extend Studio, Bucharest (Romania) - Web Software Developer**

FEB 2014 - DEC 2014

- Worked closely within a team to develop both Wordpress plugins and non-Wordpress projects, leveraging PHP and Javascript
- Worked full-stack, from database design and system administration to front-end development and assistive tooling
- Assisted project transition from non-RESTful API to a newer third-party RESTful API, and created a similar RESTful API in a subsequent project leveraging the Laravel framework

## **Education**

**"Politehnica" University of Bucharest, Bucharest Romania - Engineer in Applied Mathematics and Informatics**

OCT 2010 - SEP 2014