

[caraulean@gmail.com](mailto:caraulean@gmail.com)  
<http://caraulean.com>  
+41797447454

# VALERIU CARAULEAN

Geneva, Switzerland

## summary

---

Solution Architect and Application Developer with more than 10 years of professional experience.

Involved deeply in Design, Development and Release stages of various products on Microsoft .NET platform and surrounding ecosystem; always putting a strong accent on requirements, business domain and best possible user experience.

Appreciating extremely high the role of Agile Practices, Test Driven Development, Continuous Integration and Continuous Delivery while building high quality software products.

Writing occasionally articles in my blog and contributing patches to various OSS projects.

## specialties

---

Extensive knowledge and experience in Architecture, Design Patterns, Domain Driven Design, Client-Server Applications, Distributed Systems, Integration and Messaging patterns, Multi-Tenancy, CQRS.

Microsoft .NET Framework and C#, WPF, Silverlight, WinForms, Windows Phone 7, WCF, MEF, MS SQL, Entity Framework, ASP.NET MVC 3.

Experience with Prism, NHibernate, Castle Windsor container, NServiceBus and other OSS frameworks.

## professional experience

---

**Senior Software Developer and Project Leader at GIT S.A.** March 2007 – Present, in Geneva, Switzerland

Leading a small remote team of developers working on a line of business applications in multi-tenant Accounting & ERP domains. My duties are ranging from gathering and structuring requirements, team coordination, as well as writing and reviewing code. My goal is to create maintainable solution while satisfying application requirements and offer great user experience.

Defined general architecture, layers, components and overall structure of current solution. Picked tools and frameworks to fulfill requirements and still offer a great degree of flexibility. Development and testing of almost all infrastructure concerns.

Used tools and frameworks: Silverlight for client UI (with Caliumn.Micro), communication layer based on WCF, Castle Windsor for IoC and NHibernate for persistence. Development environment – Visual Studio 2010. NuGet for package management. Mercurial DVCS for source control.

Other achievements:

- Maintaining development infrastructure (bugs & issues, CI server, deployment)
- Introduced TDD to the team
- In-house training and mentoring
- Defining Coding and Development standards for the team.

Related projects are still under active development.

**Senior Developer at Top-Man Business Software.** June 2005 – January 2007, in Chisinau, Moldova.

Member of a new team and just created company working in Chisinau, Moldova as a subsidiary of GIT S.A. (Geneva, Switzerland). With time going promoted to position of leading developer.

As it was a green field development, initial duties were to establish requirements and find best tools, frameworks and utility bits to do the job. I've participated actively in prototyping and concept explorations of various parts of future system. Took part in architecting and development of a Client-Server accounting application.

Established and maintained development infrastructure: source control, continuous integration server, ticket/bug management system.

After working less than two years I was relocated to main company GIT S.A. (Geneva, Switzerland).

**Embedded Systems Developer at Romany Gaz Group.** January 1999 – April 2005 in Chisinau, Moldova.

Started as a junior developer, evolved gradually to position of engineer responsible for few development areas. Worked on various projects related to Embedded Systems, Industrial Communication Networks and Process-Automation field in Energetics and Thermo-Energetics domains. Most interesting project was a 6 MW Electrical Power Station based on old Diesel engine. My responsibility was communication layer that was connecting all sub-systems, user interface and some parts of cooling system.

## education

---

**Master Degree in Telecommunications.** 2001 – 2002, Technical University of Moldova.

After receiving Master's degree started working on my PhD degree thesis on "Modeling distributed embedded systems" but gave up in a year by choosing to evolve my professional career.

**University degree in Radio-Electronics.** 1996 – 2001, Technical University of Moldova.

Specialization for Optoelectronic Systems. Degree thesis "Communication protocol for industrial microprocessors network". Working part-time in programming embedded systems.

## languages

---

- English (Professional working proficiency)
- French (Limited working proficiency: speaking well, working on improving writing skills)
- Russian (Native or bilingual proficiency)
- Romanian (Native or bilingual proficiency)

## certifications and awards

---

- Microsoft Certified Professional (C# and Windows Applications), ref. 3578888
- [2010 Caliburn.Micro Application Contest Winner](#), Windows Phone 7 category

## personal details

---

- Citizenship of Republic of Moldova
- Living in Switzerland for over 4 years, Swiss residence permit type B.
- Soon will be in possession of an European passport (Romania)
- Married, with children