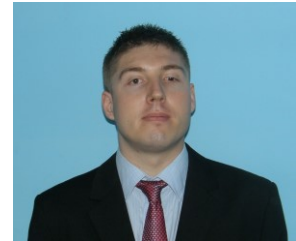


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**Marital status:** Not married  
**Driver's license:** Cat. B  
**Nationality:** Romanian



## Professional Experience

### **Modis, Bologna, Italy**

Software developer, Jan 2018 – ongoing

- SLS (Security Laser Safety) project at Datalogic:
  - Software developer in SLS GUI team;
  - Designing and developing Graphical User Interfaces for Windows using .NET (C#), WPF, XAML, XML;
  - Version control (Git);
  - Managing, viewing and serving Git repositories with GitBlit;
  - Issue and project tracking with Jazz IBM;
  - Use of Slack as collaboration software.

### **Coderollers, Málaga, Spain**

Intern Software Developer, Sep 2017 – Dec 2017

- Working in an Agile environment on the development of a backend project in .NET Core 2.0;
- Designing and implementing high-transaction RESTful APIs;
- Working with NoSQL data stores;
- Managing pipelines for building and deploying the project in Docker;
- Visual Studio Team Services product development framework;
- Use of Slack as collaboration software;
- Use of Linux to manage Docker on Azure cloud computing platform and local servers;
- Writing documentation.

### **Uberti Engineering Workgroup SRL, Bologna, Italy**

Freelance civil engineering consultant, Sep 2015 – Sept 2017

- Designing, building and restructuring of residential and commercial buildings for both public and private sector;
- Structural diagnosis and assessment of seismic vulnerability with finite elements method (FEM) software;
- CAD analysis and planning with 2D and 3D elements;
- Continuing professional development and updating on specific technology and software.

**University of Bologna , CIRI Building and Construction – Interdepartmental Centre for Applied Research, Bologna, Italy:**

Researcher, Aug 2014 – Jul 2015

- Planning and realisation of laboratory tests;
- Experimental characterization of historical masonry mechanical properties;
- *RE.SIS.TO* expeditious methodology for seismic vulnerability assessment in masonry and reinforced concrete buildings;
- '*Assessment of seismic safety in National Museums*' project in cooperation with the DG Cultural Heritage and Landscape, Ministry of Cultural Heritage and Activities and Tourism of Italy.

**Alan Proiect S.R.L, Constanta, Romania:**

CAD Manager / Design Structural Engineer, Jul 2010 – Aug 2012

- Design and construction of residential buildings;
- Data analyses and feasibility studies;
- Analyzed CAD solutions and recommended necessary use of 2D or 3D elements accordingly;
- Provided technical support to designers and CAD operators and ensured optimal work standards and recommended technologies accordingly;
- Reviewed personnel for proficiency in technical aspect and ensured optimal productivity;
- Up-to-date knowledge of new and upcoming technologies.

## Education

- **Chartered Engineer** registered with the Engineering Council of the Province of Bologna (section A, sector A, n. 9471/A from 15 February 2017);
- **International Master's Degree in Civil Engineering**, University of Bologna, Sep 2013–Jul 2014, final mark 110/110 (Civil/Structural Engineering specialization)
- **Bachelor's Degree in Civil Engineering**, "Ovidius" University of Constanța, Faculty of Construction, Sep 2010 – Jul 2012, final mark 8/10
- **Degree in Economic Engineering in Construction**, "Ovidius" University of Constanța, Faculty of Construction, Sep 2004 – Jul 2009, 5-year programme – final mark 8.75/10

## Other courses

- Erasmus exchange student at the University of Bologna, Italy (Sep 2012 – Jul 2013);
- Environmental Auditor , Youth Association for Excellence (Mar 2012);
- Real Estate Evaluator, National Union of Authorised Evaluators of Romania (Jan 2009).

## Language skills

- **Romanian**: native speaker
- **English**: good knowledge, both written and spoken;
- **Italian**: strong knowledge, both written and spoken;

## Technical skills

- .NET Framework and .NET Core 2.0 (C#)
- Docker, Kubernetes, Jenkins, Ansible;
- Version control (Git)
- Issue and Project tracking software: Azure DevOps, Jazz IBM, Jira
- Team Collaboration software: Confluence, Slack
- Data stores: SQL (MSSQL Server), NoSQL (RavenDB)

- Cloud computing platforms: Azure
- Operating Systems: Windows, Linux
- FEM software: advanced knowledge of SCIA Engineer (certified Nemetschek Romania course), SAP 2000, Straus7;
- 2D/3D CAD software: advanced knowledge of Allplan (certified Nemetschek Romania course), AutoCAD, good knowledge of Revit, Solidworks, Pro SAP, AutoCAD Structural Detailing;
- Data acquisition software: LabView (certified);
- Project management software: Microsoft Project;
- Strong knowledge of MS Office suite and Adobe Professional suite.

## Personal skills

- Excellent communication, planning and organizational skills;
- Fast learner and technology adopter;
- Ability to think methodically, to design, plan and manage projects;
- Confident in using several engineering software packages;
- Highly developed numeracy and computer literacy skills;
- Success-driven and determined to meet targets;
- Ability to write technical and detailed reports;
- Autonomous and able to work under stress by setting priorities and taking responsibility;
- Member from 2009 in "YOUTH ASSOCIATION FOR EXCELLENCE" [NGO] - Member of Clean Up the World (CUW) - partner of United Nations Environment Programme (UNEP), Member of Romanian National Committees of the World Energy Council.