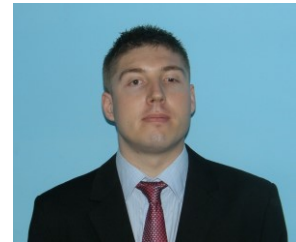


Date of birth: July 23rd, 1985
Current address: Via Parmeggiani 3, 40131 Bologna, Italy
Telephone: +39 328 559 1024
E-mail: ing.andrei.vasilu@gmail.com
Skype handle: ing_andrei_vasilu
Web: <http://www.anvaplus.com/>
Marital status: Not married
Driver's license: Cat. B
Nationality: Romanian



Professional Experience

Modis, Bologna, Italy

DevOps developer, Sept 2019 – ongoing

- RD projects at Modis Bologna:
 - Designing an internal resource management website (ASP .NET Core 3.0 MVC, CosmosDB, Docker, Azure);
 - Designing, developing and maintaining CI/CD pipelines (Azure DevOps, Jenkins);
 - Designing and implementing RESTful APIs;
 - Azure, Jira, Confluence administrator.

Azure DevOps trainer, Dec 2018

- Trainer at Modis Academy – Azure Search module.

Software developer, Jan 2018 – ongoing

- SLS ([Security Laser Safety](#)) project at Datalogic:
 - SLS GUI Manager (September 2019 – ongoing)
 - 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, buiding 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 (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, Cosmos DB)
- Cloud computing platforms: Azure;
- Scripting language: PowerShell;
- 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.