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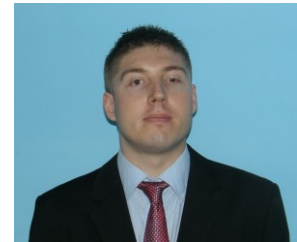
Date of birth: July 23rd, 1985
Current address: Via Parmeggiani 3, 40131 Bologna, Italy
Telephone: +39 328 559 1024
E-mail: ing.andrei.vasiliu@gmail.com
Skype handle: ing_andrei_vasiliu
Web: https://anvaplus.com/
Marital status: Not married
Driver's license: Cat. B
Nationality: Romanian

Professional Experience

Modis, Bologna, Italy
DevOps engineer / Technical Leader, Apr 2020 – ongoing
- Team management;
- Participate in long- and short-term agile planning processes for all internal projects;
- Architecture, development and improvement of CI and CD product delivery pipelines;
- Administration of Azure cloud infrastructure;
- Administration of AKS Kubernetes clusters.

Software developer, Jan 2018 – ongoing
- Argo project at Borsa Italiana (Apr 2020 – ongoing):
    o The project involves an application that monitors financial transactions and reports any illicit behaviour to the relevant authorities;
    o Program Languages: C#, Windows Form, WPF, XML, SQL;
    o Databases: Oracle Database, Microsoft SQL Server;
    o Framework: .NetFramework 4.7, WCF;
    o Version control: Git, Subversion.

- SLS (Security Laser Safety) project at Datalogic (Jan 2018 – Apr 2020):
    o SLS GUI Manager (Sept 2019 – Apr 2020), previously Software developer in SLS GUI team (Jan 2018 – Sep 2019);
    o Designing and developing Graphical User Interfaces for Windows using .NET (C#), WPF, XAML, XML;
    o Version control (Git);
    o Managing, viewing and serving Git repositories with GitBlit;
    o Issue and project tracking with Jazz IBM;

DevOps developer, Sept 2019 – Mar 2020
- 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.

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.

Civil Engineering 2006 - 2017

- **Uberti Engineering Workgroup SRL, Bologna, Italy**
  Freelance civil engineering consultant, Sep 2015 – Sept 2017

- **University of Bologna, CIRI Building and Construction – Interdepartmental Centre for Applied Research, Bologna, Italy**
  Researcher, Aug 2014 – Jul 2015

- **Alan Proiect S.R.L, Constanta, Romania**
  CAD Manager/Design Structural Engineer, Jul 2010 – Aug 2012

- **Urban Project S.R.L, Constanta, Romania**
  Design Structural Engineer/Senior Architectural Technician, Jul 2009 – Jul 2010

- **S.C. Arhitectural Design S.R.L, Constanta, Romania**
  Architectural Technician (CAD), Jul 2006 – Jul 2009

Education
- **Chartered Engineer** registered with the Engineering Council of the Province of Bologna (section A, sector A, n. 9471/A from 15 February 2017 to 15 June 2018);
- **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, .NET Core (C#), WCF;
- Docker, Kubernetes, Rancher, Jenkins, Ansible;
- Version control (Git, Subversion);
- Issue and Project tracking software: Azure DevOps, Jazz IBM, Jira;
- Team Collaboration software: Confluence, Slack;
- Data stores: SQL (MSSQL Server, Oracle Database), 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.