Vlad-Alexandru Tănăsescu
ISTQB-BCS Certified Expert Software Quality Professional

SUMMARY

- Organized, efficient, and precise, with strong communication and liaison skills.
- Highly technical mindset, with a constant focus on personal and professional development.
- Pragmatic innovator with a firm grasp on the latest trends in industry tools and technologies.
- Skilled in planning and in the execution of complex projects in mission critical environments.
- Enthusiastic, creative, and willing to assume increased responsibility.
- Skilled in analysing warning signs, identifying problems, and finding solutions.
- Proficient in communicating efficiently with customers, staff, management, and stakeholders.
- High initiative, with strong self-management and team management skills.
- Decisive, assertive, and direct, yet flexible in responding to constantly changing assignments.
- Strong ability to offer training and/or mentorship to peers and team members.

OBJECTIVES

- To do meaningful work that makes a genuine impact in the real world.

- To act as an ambassador for quality in order to help create a rich culture of quality, to drive adherence to quality management standards and best practices, and to ensure that deliverables are being designed and developed with quality in mind.

- To be the deciding voice in terms of the organisation's test automation ecosystem, while also being closely involved in the development of the architectural core of internal automation testware.

- To maintain a complexity of work high enough to support acquiring new skills but which also leaves room for continuous progression towards mastery of already acquired skills.

- To be closely involved in a hands-on manner in all aspects of quality management throughout the entire lifecycle of the organisation's deliverables.

- To be autonomous and in control of own decisions, while also maintaining a steady stream of communication with the other stakeholders.

- To work alongside other experts in their respective fields, forward-thinking professionals with a genuine passion for technology, who can challenge and stimulate me.

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Head Of Test & QA

Fincore
March 2020 - Present
London, United Kingdom

As Head of Test & Quality Assurance at Fincore, I am responsible for the quality of the company's product portfolio, which is composed of multiple complex software systems, each of which require the employment of individually unique test strategies and tooling. The products the quality of which I manage range from big data processors to case management systems, and are operating in sectors such as finance, health, or aerospace.

It is critical to achieve the highest degree of quality across the board, as our products are being employed by divisions of the UK government and by large financial institutions such as the European Central Bank, hence, I am also responsible for thorough analysis of every deliverable to be deployed to live systems.

As part of the quality assurance activities, which I own, I write and update test strategies, test plans, test automation architecture diagrams, and other such testware, while also implementing processes that embed quality and reliability into our internal streams of work.

To complement quality assurance, as part of the quality control component of the quality management process, I enable and mentor four teams which run both manual and automated testing across our suite of products. The automated testing is performed in frameworks that I have architected and built from the ground up, and which target all layers of our products, efficiently and reliably executing UI, API, and ETL/ELT test runs triggered by our CI/CD pipelines.

Lastly, due to the sensitive nature of my work, I have security clearance granted by the UK government, which allows me frequent uncontrolled access to assets classified up to secret and occasional supervised access to assets classified top secret.

Head Of QA / Test Automation Developer

Medical Management Systems
Jun 2015 – March 2020
London, United Kingdom

I break things. I write code that breaks more things faster. I implement processes that break even more things more efficiently.

As Head of Quality Assurance at Medical Management Systems, I am responsible for the quality of meddbase, a healthcare practice management solution that, as of 2020, spans across 15 million lines of code, holds 20 million patient records, has handled 900 million patient appointments, and has processed in excess of £1.5 billion's worth of customer invoices.

On a day-to-day basis, I manage a team of quality assurance analysts and test engineers with which I work alongside for the shared goal of achieving the best possible quality in our deliverables, I update the test plans as per the test strategy and the team's velocity, and I monitor live data for anomalies, which may highlight potential points of improvement in the application's functionality.

In terms of test automation, I write automated tests and develop on the architectural core of a framework that I've built in the company's domain-specific language, known internally as language-ext, which leverages the power of LINQ to bring functional programming and monadic functions to C#, thus ensuring a greater degree of robustness than with imperative programming.

Systems / Integration / Compliance Tester

SEGA
Feb 2014 – Jun 2015
London, United Kingdom

As a compliance tester, my main responsibility is to study and memorize thousands of device-specific technical requirements defined by gaming consoles vendors and to ensure that the games being developed correctly meet these requirements. Examples of such requirements include the save file not exceeding a pre-defined file size or the content of the metadata files being structured in a specific order.

As a functionality tester, my main responsibilities include completing playthroughs of multiple types such as exhaustive runs where the goal is to achieve 100% completion, speedruns where the goal is to complete the game in as little time as possible or pacifist runs where the goal is to complete the game without engaging any enemies whatsoever.

During the aforementioned playthroughs, it is one of my core tasks to find functionality issues, establish reliable steps to reproduce these issues alongside an accurate reproduction rate, and then finally to log the discovered issues into the defect management tool (DevSuite, TestTrack Pro).

Founder / Managing Director

Missing Link Media
Nov 2010 – Feb 2014
Portsmouth, United Kingdom

Missing Link Media is a multimedia production studio. My responsibilities here range from shooting stock videos and photos to editing or producing sound and, finally, mixing them together to produce high quality multimedia products. In the editing and post-processing stages I constantly use Adobe Premiere, Adobe After Effect, Adobe Photoshop, and Adobe Audition.

Expert Digital Media Consultant

Natural Born Digital
Sep 2010 – Feb 2014
Portsmouth, United Kingdom

Natural Born Digital is a multimedia workshop targeted towards people that want to learn how to shoot and edit semi-professional movies by using mid-level equipment. My main responsibilities here include training students how to set up the equipment to obtain an optimum filming environment and teaching them basic and advanced filming and editing techniques. Some of my other responsibilities include assigning tasks for the students to do during the courses or at home and making sure the equipment is of the highest quality and up to date while still considering the price range of an independent film maker.

Senior Quality Assurance Tester / Functional Team Lead

Namco Bandai Networks
Jul 2007 – Sep 2010
Bucharest, Romania

I lead a two-pizza team focused on workflow efficiency and successfully meeting deadlines. One of my core responsibilities is to build test plans and sanity checklists that achieve a practical high degree of test coverage. In addition, I update the test documentation on a daily basis to prevent the use of deprecated or redundant data. At the start of the day, I forward tasks to the team and assign tools and devices that are relevant to the current project. At the end of the day, I revise and centralize reports on the logged defects and prepare the test strategy for the upcoming day based on the identified defect cluster locations.

Quality Assurance Tester

Vivendi Universal
Apr 2004 – Jul 2007
Bucharest, Romania

My main responsibility is to identify as many defects as possible as early in the testing phase as possible, so that the product's life cycle flows efficiently. When a bug is found, part of my responsibilities is to log it in a defect management tool such as Mantis, DevTrack or TestTrack Pro. A full report of the issues is generated and sent to the QA Manager at the end of the day. When the next build is deployed, I run all resolved defects through retesting and/or regression testing and confirm which ones still reproduce and which ones have successfully passed fix verification.

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€STR (Euro Short-Term Rate) – Developed for the European Central Bank, €STR calculates the reference rate for the currency euro. The calculations are based on the money market statistical reporting of the Eurosystem, which is the monetary authority of the eurozone. Additional information can be found at https://en.wikipedia.org/wiki/€STR.

CSDB (Central Securities Database) – Developed for the European Central Bank, CSDB is a single information technology infrastructure which holds complete, accurate, consistent, and up-to-date information on all individual securities relevant for the statistical purposes of the European System Of Central Banks. The CSDB contains information on over five million debt securities, equities, and mutual fund shares/units issued by residents of EU Member States or by other parties. Additional information can be found at https://en.wikipedia.org/wiki/Central_Securities_Database.

RIAD (Register Of Institutions And Assets Database) – RIAD is a system operated by the ECB (European Central Bank) and jointly maintained by all members of the European National Central Banks and/or National Competent Authorities. It integrates and comprises the collection, dissemination, and publication of several sets of reference data on (financial) institutional units that are essential for statistical departments and other user areas, predominantly market operations. Based on RIAD, the ECB publishes on its website various lists of financial institutions such as Monetary Financial Institutions (MFIs), Investment Funds (IFs), Financial Vehicle Corporations (FVCs), Insurance Corporations (ICs), etc., and holds information on holding companies and head offices. These lists represent the authoritative and complete definition and description of several relevant reporting populations. In addition, RIAD allows monitoring demographic developments in these different populations. Further as RIAD processes information on (ownership) relationships between entities, it has become a pivotal tool for the analysis of various types of banking groups and financial conglomerates.

SHSDB (Securities Holdings Statistics Database) – A statistical dataset that consists of the SHS Sector and the SHS Group module, which differ mainly in the granularity of information on the holder's side. The SHS Sector module contains aggregated holdings by investors belonging to the same institutional sector, while The SHS Group module includes information on individual holdings for the 25 largest banking groups with head offices in the euro area (e.g. holder-by- holder information). The SHSDB consists of two parts, a Transactional System operated by the Deutsche Bundesbank, and an Analytical System operated by the European Central Bank. Individual-security-holdings data are sent by the reporting agents to the NCBs, who submit the data according to a pre-defined reporting scheme to the Transactional System, where they are validated, checked for plausibility, harmonised, and then transmitted to the Analytical System. Here the harmonised data are stored on the granular level and a number of standard aggregates are calculated. Additional quality checks are then carried out by comparing the aggregates with other reference statistics before completing the compilation with the dissemination to final users.

Finworks Data – A large-scale data management system which provides the capabilities to effectively manage multiple sources of data, swiftly and effortlessly, into a single repository, for analysis or for distribution to other systems. One of the more notable implementations of Query Hub took shape at the start of the COVID-19 pandemic in the form of an analytical solution to finding available hospital beds for COVID-19 patients in the UK and in the USA. Currently, Query Hub is being used mainly by the UK Financial Conduct Authority for statistical modelling and analysis of financial data.

CBPM (Collaborative Business Process Management) – Initially developed for the UK Home Office, CBPM is now being employed by other UK government organisations, such as the UK Foreign, Commonwealth & Development Office. CBPM, at its core, is a case management system which enables organisations to efficiently create, configure, and collaborate on complex workflows, examples of which include visa applications, lorry cargo border processing forms, and maritime transport requests.

meddbase – The UK's leading online electronic health record solution, designed for healthcare professionals seeking a secure practice management and patient record system. It includes a full suite of healthcare management software features covering consultations, cross-organisation scheduling, patient analysis, document management, electronic referrals, pathology, and reporting. The system also offers a user-friendly patient portal, automated email and SMS appointment reminders, and a built-in telemedicine platform with a mobile app. Currently, meddbase is being employed by the largest healthcare providers in the world, such as HCA Healthcare, DaVita Inc, Bupa, or UnitedHealth Group. Additional information can be found at https://www.meddbase.com/.

Football Manager – A series of football management simulation video games developed by British developer Sports Interactive and published by Sega. Football Manager has been recognized by real-life football clubs as a source for scouting players, and some clubs have signed deals with Sports Interactive allowing them to use the game's database to scout players and opposition. Football Manager also serves as a statistical analysis tool which both influences and is influenced by real life transfer market activity. Additional information can be found at https://www.footballmanager.com/.

SKILLS & TOOLS (NON-EXHAUSTIVE LIST)

Languages & Dialects

- Bash
- C#
- Dart
- F#
- Gherkin
- HTML / CSS
- JavaScript
- JSON
- language-ext
- Node.JS
- PowerShell
- Python
- RegEx
- SQL / PL-SQL
- TypeScript

Test Automation

- Cypress
- Fiddler
- Locust
- Postman
- Playwright
- Selenium WebDriver
- SpecFlow

Software Development

- Visual Studio
- Visual Studio Code

DevOps

- Azure DevOps
- Docker
- Jenkins
- Oracle VM VirtualBox
- TeamCity

Version Control

- Git
- GitHub
- GitKraken
- GitLab
- Git Graph

Software Design

- Balsamiq Wireframes
- Confluence

Multimedia Design

- Adobe After Effects
- Adobe Audition
- Adobe Illustrator
- Adobe Photoshop
- Adobe Premiere
- GIMP
- OBS Studio

Front-End

- Angular (TypeScript)
- Flutter
- React

Back-End

- MongoDB
- MySQL WorkBench
- Oracle ADB (ATP/ADW)
- Oracle SQL Developer
- SQL Server Management Studio

Project Management

- Fibery
- Jira
- Linear
- targetprocess

Testing

- mockaroo
- TestRail

Healthcare Tech

- Health Level-7
- NextGen Connect

Managing Director

StackWorks™
Jan 2018 – Present
London, United Kingdom

StackWorks™ offers bespoke pro-bono software solutions to charitable organisations and to NGOs with a focus on socio-political matters. Our services range from websites and web applications to machine-native and cross-platform desktop software. The StackWorks™ brand is also leveraged as a platform for promoting open-source projects, for educational purposes, with the goal of empowering people to use computer code to express themselves in the world.

Expert Multimedia Trainer (for underprivileged children)

IQ Support
Mar 2006 – Aug 2009
Mobile Worldwide Workshops

IQ Support is a non-governmental, non-profit association founded with the aim of contributing to sustainable community development by means of education and active involvement of young people in cross-sectoral fields of activity available within our global community.

We cultivate media literacy among youth at local, regional, international level and use multimedia and technology as drivers for education and change. We train young people from various backgrounds to use multimedia instruments and computer software for editing, design, and post-production in order to empower them to express themselves creatively.

The topics we address in our projects have cultural, ecological, and social themes. Examples of such topics are human rights, cultural diversity, anti-discrimination laws, social integration of underprivileged children, free education, the right to information.

HOBBIES

Arts

- digital media design
- fire juggling
- music production
- bass / drums / piano

Crafts

- DIY projects
- gourmet cooking
- wood crafting

Tech

- Arduino / Raspberry PI
- modern tech research
- robotics
- tech courses

Recreation

- driving
- reading
- classic movies

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COURSES & CERTIFICATIONS (IN ALPHABETICAL ORDER)

- Angular: The Complete Guide (2021 Edition) (UC-C472E3C3)

- Arduino, Step By Step: Getting Started / Getting Serious (UC-C55863B7 / UC-73E79566)

- Automation Framework Development With Selenium C# (UC-C082D8E3)

- Azure DevOps Fundamentals (UC-6EE07970)

- The Advanced Web Developer Bootcamp (UC-ZW1W3TVB)

- Blockchain And Bitcoin Fundamentals (UC-DX9C6WDQ)

- Build An App With ASP.NET Core And Angular From Scratch (UC-3P2S8JF6)

- Build Responsive Real World Websites With HTML5 And CSS3 (UC-F7D2AE09)

- Building An App With .NET Core And React (UC-FAUYVTG4)

- C# Basic / Intermediate / Advanced (UC-SSI8DOHZ / UC-1N5GGD6J / UC-RX90E2ZF)

- C# Console And Windows Forms Development With LINQ & ADO.NET (UC-01737D68)

- Coding Browser Extensions Using JavaScript (UC-0E2555B2)

- The Complete 2021 Web Development Camp (UC-D73E1FA8)

- The Complete 2021 Flutter Development Camp With Dart (UC-664D77E7)

- The Complete ASP.NET Core & Entity Framework Development Course (UC-E4E41FF1)

- The Complete ASP.NET MVC 5 Course (UC-WJC7R0CN)

- Complete C# Unity Game Developer 2D (UC-14536D6A)

- The Complete CCNA Networking Course (UC-4FBFD665)

- The Complete Ethical Hacking Course 2021 (UC-B6E5083F)

- The Complete Ethical Hacking Course 2021 (UC-09B45B7E)

- The Complete Front-End Web Development Course (UC-C47E0042)

- The Complete Full-Stack JavaScript Course (UC-380F3505)

- The Complete JavaScript Course 2021 (UC-23F2BF15)

- The Complete Node.JS Developer Course (3rd Edition) (UC-FD491B96)

- Complete Penetration Testing And Ethical Hacking Bootcamp (UC-4087AF28)

- The Complete Python 3 Course (UC-8BC6BB42)

- Complete Python Developer In 2021 (UC-56BFEF04)

- The Complete Python Hacking Course: Beginner To Advanced (UC-F6E2631B)

- Complete TensorFlow 2 And Keras Deep Learning Bootcamp (UC-AA5CFDF9)

- Complete Web API In .NET 5 Consumed With Blazor WebAssembly (UC-3EE322F4)

- Cypress: Modern Automation Testing (UC-C9B63DF7)

- Data Warehouse Concepts: Basic To Advanced (UC-F6D8C101)

- Docker Container And Microservices Orchestration Masterclass (UC-00C5E962)

- Docker Mastery With Kubernetes And Docker Swarm (UC-6FAB077F)

- Double Your Coding Speed With Visual Studio And ReSharper (UC-ZR4QX4CV)

- Electron for Desktop Apps: The Complete Developer's Guide (UC-4B45AE7A)

- Elegant Automation Frameworks With Python And PyTest (UC-ULVHZ0TL)

- Elegant Browser Automation With Python And Selenium (UC-8W9IQAG8)

- End-To-End ASP.NET Core 3.1 API And Blazor Development (UC-782FC9CA)

- End-To-End Test Automation With Playwright (UC-70333C08)

- Entity Framework In Depth: The Complete Guide (UC-A3FC02F9)

- Ethical Hacking: Beginner To Advanced (UC-1F07CBC2)

- F# From The Ground Up (UC-C2A1BEBE)

- Fire Safety v1.1 (2481039)

- Flutter & Dart: The Complete 2021 Guide (UC-200E6B19)

- Git Complete: The Definitive, Step-By-Step Guide To Git (UC-74DEB286)

- IGSoC Data Security And Information Governance (38902)

- Intermediate Unity C# (UC-EB318E6A)

- ISTQB CTFL (00484161)

- Learn Assembly Language By Making Games For The Atari 2600 (UC-94942361)

- Learn Python 3 (UC-86CF3F10)

- Learn Python & Ethical Hacking From Scratch (UC-679172E5)

- Learn RESTful APIs With .NET Core (UC-8179C207)

- Linux Fundamentals (UC-B7B9BBF8)

- Locust And Python: Modern Performance Testing (UC-DE9371BA)

- Master Electron Desktop Apps With HTML, JavaScript & CSS (UC-D67BB59C)

- The Modern JavaScript Bootcamp Course 2021 (UC-D5FDA8F9)

- The Modern Python 3 Bootcamp (UC-EY091XS8)

- The Modern React Bootcamp (UC-9THJO78J)

- NHS Data Security (38384)

- Oracle Autonomous Database Cloud 2019 Certified Specialist (274099599OADB19-F)

- Parallel Test Execution With Selenium (UC-2VMCB668)

- Performance Testing Using Locust (UC-K81ECLL3)

- Programming In Blazor With ASP.NET Core 3.2 (UC-D26D1AF4)

- React: The Complete Guide (incl. Hooks, React Router, Redux) (UC-9F1EDCE6)

- Selenium WebDriver Masterclass With C# (UC-XV3C8R7F)

- Selenium WebDriver With Docker, Jenkins & AWS (UC-98DA1781)

- Spanish: Beginner, Elementary, Intermediate, Advanced (UC-1D9BDEF0)

- TensorFlow 2.0: Deep Learning And Artificial Intelligence (UC-F8D0877F)

- The Ultimate ASP.NET Core 5 Web API Development Course (UC-806AD8FF)

- The Ultimate LINQ With C# Masterclass (UC-X8WHHLRZ)

- The Ultimate MySQL Bootcamp (UC-LJWH1G5C)

- Understanding Docker And Using It For Selenium Automation (UC-YA26WAQX)

- The Web Developer Bootcamp (UC-8B81I0EO)