

## LIVIU TABAN

tel.: +(40)(0)749-032201

Skype: liviutaban86

e-mail: tabanliviu@yahoo.com

---

Born on 05.07.1986

Citizenship: Romanian

### SUMMARY OF QUALIFICATIONS

- **Highest education achieved:** Bachelor's degree
- Full-stack developer with **10+ years** of experience in successfully developing web applications
- Independent, resourceful, detail-oriented, able to quickly grasp new technologies
- Primarily interested in web applications with a focus on software quality and testing
- Pragmatic and able to make decisions based on merit not on current fads in technology
- Fond of Javascript and the NodeJS ecosystem

### EDUCATION

**2005 – 2009** Graduated from the Faculty of Automatic Control and Computer Science of the Polytechnic University of Bucharest, Bucharest, Romania, Diploma obtained in September 2010.

**2001 – 2005** “Grigore Moisil” High School in Bucharest, Romania

### PROFESSIONAL EXPERIENCE

**November 2014 - December 2017**

Title:	Senior/Lead Web Application Developer
Company:	NCC Group Web Performance - United Kingdom
Programming languages:	Javascript
Database:	MySQL/ElasticSearch

General Ledger

- *Technologies used:* Javascript, AngularJS, Karma, Protractor, CucumberJS, Highcharts, ElasticSearch, NodeJS

*Responsibilities:* Joined the Synthetic Monitoring frontend team to continue the rewrite of the flagship reporting portal. Re-implemented existing features and added new features using AngularJS and Highcharts with a PHP + MySQL microservices backend.

*Team size:* 1 Product Owner, 1 Scrum Master, 4-5 Developers, 1-2 QA Engineers.

*Project Methodologies:* 2 week sprints, Retrospectives and sprint demos almost every sprint.

*Major challenges:*

- Tidied up existing AngularJS code base, that was following bad practices, by splitting all code by feature and removing the stuffy hierarchy of controllers as well as reorganizing services.
- Tight deadlines with an aggressive development strategy to ensure we had features finished and delivered in every 2-week sprint. Good estimation and prioritization of stories as well as taking a pragmatic approach to tech debt and only fixing the most serious of issues.
- Took charge of coaching various team members on specific Angular concepts as well as best practices. Focused on simplicity and ease of change with the goal of higher throughput and simpler code. Had a strong role in guiding and, for a 3 month period until a new QA engineer was hired, took full ownership of the e2e code base including releases.

Within 7 months took the role of Lead developer and with it faced new challenges:

- Cross-team collaboration was paramount as the RUM Monitoring team would reuse components that the Synthetic Monitoring project was developing. Helped integrate these components both directly by working in both projects or indirectly by sharing knowledge and providing guidance.

- Aimed for wider knowledge-sharing across both teams and agreed on a pyramid approach to code review that allowed the junior devs to learn from the mid-level devs and in turn, those will learn from the more senior members.
- Had to carefully balance time spent addressing issues in the code review and the time spend on my own tasks. Reached a balance between giving enough useful feedback in code review comments and in-depth face to face discussions.
- Coordinated efforts to reuse and improve the code base to reach a common vision and allow ease of movement between RUM teams and the Synthetic Monitoring team

## February 2012 - June 2014

Title: Programmer  
 Company: dINK(Belgium)  
 Programming languages: Javascript/Python  
 Database: Google Big Table

### General Ledger

- *Technologies used:* Javascript, jQuery, jQueryUI, Python, Django,  
*Responsibilities:* Developed new features for a platform that allows creation of HTML5 presentations, publications or surveys that will be used on a tablet(iPad and Windows8) using HTML5, CSS3 and Javascript with Phonegap. Ensure cross environment compatibility(app and browser). Features include both the frontend and the backend. The backend is developed in Python on Google App Engine.  
*Team size:* 1 Team Leader, 1 Project Manager, 2 Core Developers.  
*Project Methodologies:* Constant communication through Skype/email when questions need to be answered or to plan next iteration features. Iterations are small and revolve around a couple of features that are pushed to production as soon as they pass end to end tests. Direct meetings every 6 months to discuss long term plans.  
*Important tasks:*
  - Improved the existing component infrastructure to allow data input to be coordinated and validated before being sent to the server. Designing a general solution that can be retroactively applied to existing components.
  - Redesigned of the admin part of the platform. This included a new style of data organization as well as then frontend view system. The frontend was designed using REST style and client side generation of views using jQuery and custom view components. The goal was to create an infrastructure that allowed fast creation and modification of views.
  - Participated directly in creating the design specifications for new modules and helping in determining the direction of the platform.
  - Custom development for specific clients of the platform. This involved direct communication with the client as well as analysis of technical specification.

## October 2011 - December 2011

Title: Programmer  
 Company: Abi Informatic(Switzerland)  
 Programming languages: Java(Swing)  
 Database: Oracle

### General Ledger

- *Technologies used:* Java(Swing), ULC Framework, Hibernate3  
*Responsibilities:* Document and describe the architecture of the existing application, develop a testing tool to run automated black box tests on the application.  
*Team size:* 1 Team Leader,1 Project Manager, 3 Core Developers.  
*Project Methodologies:* Weekly meetings were held to discuss the current state of the project and to put forward any questions of problems that have come up during the week  
*Important tasks:*
  - Created the architecture description document. Investigate the 6 year old codebase and determine the underlining relationships between components. The application was a GUI developed using the ULC Framework.
  - Created a testing tool that will run automated tests using the ULC Testing Framework. These tests will be run on the actual client application using real programmed input

operations. My task was to develop an xml format to represent the test operations that a test engineer could write. The task was interesting because of the real time constraints regarding development time, since I had 1 month to develop the tool. A lot of time was spent deciding what the core of the testing tool should be in order to be both simple to use and easy to extend yet powerful enough(at least for version 1) to implement most of the usual test cases.

## **Jul 2007 – September 2011**

Title:	<b>Programmer</b>
Company:	Ingenio Software – Bucharest, Romania
Programming languages:	Java(3.5 years), Javascript(3.5 years), C++(6 months)
Database:	Oracle(3.5 years)

### General Ledger

- Credit Retail Application(standalone application for managing retail credits)  
*Client:* Unicredit Romania  
*Technologies used:* Struts2, JDBC, Hibernate3, Spring3, Freemarker, Javascript(native and using third party libraries like Prototype)  
*Responsibilities:* programming in Java and Oracle PL/SQL, participation in the design of the architecture of the application.  
*Team size:* 1 Team Leader,1 Project Manager, 1 dedicated Tester and 4 Core Developers (1-2 would be assigned when extra tasks were needed to be finished before the delivery deadline.  
*Project Methodologies:* Generally the project used a modified Waterfall approach with approximately 1.5 months of planning before each of the 2 major versions of the application For minor version analysis was done as required both at our headquarters and at the client. We received customer feedback daily regarding deployment of new features and bugs. Deadlines were reasonable, though on some occasions we had to deliver very important features quickly to comply with legal requirements.  
*Important tasks:*
  - Implementation of different interfaces between the Core Banking System AS400 and Oracle using Java and MQ Series.
  - Developed the technical specifications for the messaging protocols used in the querying and updating Collaterals and Client Groups in the Core Banking System
  - I developed a document generator module with html, Freemarker and iText to generate pdf files.
- Credit Retail Application(standalone application for managing retail credits);  
*Client:* Raiffeisen Bank  
*Technologies used:* Struts1, JDBC, Spring2, Javascript(native and using third party libraries like Prototype)  
*Responsibilities:* programming in Java and Oracle PL/SQL.  
*Team size:* 1 Team Leader,1 Project Manager, 1 dedicated Tester and 4 Core Developers  
Main task consisted in implementing features both the front end and back end, mostly administration features. I also developed a feature that interpreted an xml file and translated the information into client form fields. I supported method calls as well as inline declarations of field parameters.

## **LANGUAGES**

Active (written and spoken): English (advanced), Romanian (native)

## **PROFESSIONAL OPTIONS**

- Work abroad: yes. Relocation to the London, United Kingdom only.
- Work remote: partially.
- Preferred work type: full time.