PERSONAL INFORMATION   Iulian Stan

📍 Bucharest

📱 (+40) 732202079

✉ iulian.stan0450@gmail.com

in https://www.linkedin.com/pub/iulian-stan/b1/bb2/3a9

Sex M | Date of birth 23/04/1989 | Nationality Moldavian

Citizenship MD, RO

WORK EXPERIENCE

2017.09 →

Software Engineer – NXP (AMP Tools)

Projects & Responsibilities:

AMP Tools developemnt:
- Design and implementation
- Team management

2015.07→ 2017.09

Software Engineer – Endava

Projects & Responsibilities:

Micro services migration to SaaS platform:
- Updating existing micro services in compliance with SaaS requirements
- Deploy to AWS and maintain deployment scripts
- Add new, and update existing tests (unit / integration / acceptance)
- Ensuring CI and CD process using Jenkins
- Collaborate with client and other server teams
- Fix bugs

Mobile application development automation:
- Develop a configuration generator and a user-friendly web interface to facilitate the process of producing a starting repository with the resources and configurations required by the mobile application build process

Back-end for mobile applications:
- Implement server side components as an adapter layer between mobile application and 3rd party Rest API
- Deploy to AWS and maintain deployment scripts
- Closely collaborate with mobile team to ensure smooth integration
- Fix performance and productivity issues and bugs

Languages & Technologies:

Groovy (Spring Boot), Gradle, AMQP, TypeScript (Angular, Material), Mongo, Ansible, Jenkins, AWS

Projects & Responsibilities:

Web applications
- Implement back-end features as per client request
- Adjust (implementing, fixing) front-end look & feel to the functionality

Languages & Technologies:

C# (ASP.NET, MVC, SiteCore), MSMQ, JavaScript (AngularJS, jQuery), SQL

Techniques & Methods: Agile (Scrum, Kanban) - Jira

| 2014.05 → 2015.06 | **QA Engineer – Allied Testing** |
| | |

Responsibilities:

Performance and regression tests automation, old tests maintenance, development of new ones as per user stories

Languages & Technologies

C# (Seleium), Java (custom developed tool), C (HP Load Runner)

Tools

Visual Studio 2008/2010, MTM/TFS 2008/2010, Eclipse

Techniques & Methods

Agile (Scrum) - Rally

| Project Based | **Freelance** |

Responsibilities

Back-end and front-end development for web live lessons framework (video/audio streaming, chat)

Languages & Technologies

C#, Java (custom developed tool), HTM 4.1, CSS 2(cross-browser compatibility), JavaScript (jQuery), PHP, MySQL (phpMyAdmin)

Tools

Visual Studio 2010, WebStom
ffmpeg (compiled with x264 video codec and lame audio codec)
ffmpeg-server (both compiled with Cygwin for Windows)
flowplayer (web flash player)

EDUCATION AND TRAINING

| 2012 – 2014 | **Master of Science in Artificial Intelligence** |

University "Politehnica" of Bucharest

Overall average grade 9.51

| 2008 – 2012 | **Bachelor of Computer Engineering and Information Technology** |

"Gheorghe Asachi" Technical University of Iasi

Overall average grade 9.55 (rank 3rd)

OTHER ACTIVITIES

| Summer schools | 2011 – Java Server Pages Site on Apache Tomcat server under Centos. |
| | 2010 – Mobile application with Java 2 Micro Edition. |

| Academic contests | ACM (team reached nationals) |
| | Freescale Race Challenge |

Online courses

- edX Honor Code Certificate for Autonomous Navigation for Flying Robots
- edX Honor Code Certificate for Circuits and Electronics 6.002x
- edX Honor Code Certificate for Introduction to MongoDB using the MEAN Stack
- edX Honor Code Certificate for Introduction to R Programming
- edX Honor Code Certificate for Programming with C#
- edX Honor Code Certificate for Querying with Transact-SQL
- edX Honor Code Certificate for Introduction to Linux
- edX Honor Code Certificate for Introduction to Bootstrap
- edX Honor Code Certificate for Introduction to TypeScript
- edX Honor Code Certificate for Introduction to jQuery

PERSONAL SKILLS

Mother tongue(s)	Romanian, Russian				

Other tongue(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	Independent user	Independent user	Independent user	Independent user	Independent user
English	Independent user	Independent user	Independent user	Independent user	Independent user

Programming skills

Programming :
  Main: C/C++, C#, Groovy/Java, MatLAB
  Other :   Python, Go, Haskell
Data base :
  DB: MySQL, Oracle, Microsoft SQL, MongoDB
  Languages :   SQL, PL/SQL, TSQL
Web :
  Frameworks :   Angular (Typescript)

PROJECTS

Individual Projects

- Hybrid mobile application (Ionic2, Go, Mongo, GraphQL, Apollo) – in progress
- DIY drone (Arducopter based) – assembling in progress
- RC car (Arduino based) – applications in progress
- Unmanned Aerial Vehicles intelligent control for target tracking (Master's final project) – result of master's research topic (Autonomous UAVs)
- Remote process control in a local network (Bachelor's final project)
- WEB Robot (Java)
- Sniffer (C# + ASP.Net)
- Collaborative text editor (C#, distributed over network)
- Russian billiard (Java, distributed over network)
- Programs for Atmega16 (C, frequency generator/meter, ring topology network)
- Face Recognition (MatLAB)
- Question answering system (Python using NLTK library)
- Artificial Bee Colony (C#, multidimensional problem optimisation - improved version)

Team projects

- GPS simulator (C#, shortest route calculation/recalculation using Dijkstra + simulation)
- Airline Company management (C# + PL/SQL triggers, stored procedures)
- Fuzzy number calculator (C#, UI representation)
- Speech recognition (MatLAB)
- Life planner (C#, action scheduler for self-improvement)

ADDITIONAL INFORMATION

Familiar domains

Air transportation services (booking, check-in)
Insurance (Quotation)
Finance (Oracle EBS, Salesforce)

Interests

Artificial intelligence (Robotics / Computer Vision)
Video Games
Sport

Driving licence

A, B, C, D, E

More details about my projects can be found on LinkedIn page, some of the source codes are available on GitHub (https://github.com/Iulian-Stan).