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PROFESSIONAL EXPERIENCE

QA automation Engineer

Thales Romania, BUCHAREST

October.2018 - until now (1 years)

Job domain: IT Software
Company industry: IT&C Software
No. of employees: 400
Company description: Thales Group is a French multinational company that designs and builds electrical systems and provides services for the aerospace, defence, transportation and security markets.
Responsibilities: Test of complex and safety-critical application software for the railway field, including:
- Specification of Test Cases on Requirements basis
- Implementation of Test Cases for unit test and subsystem test. Writing of test programs and test data
- Automation of Test Cases with Cucumber, using git for version control.
- Execution of automated tests
- Support of test environments, tools and simulation
- Evaluation of the test output (coverage, traceability, progress)
- Test documentation
- Regular test reporting
- Experience of working in an microservices environment (Cloud Foundry)
- Eclipse and IntelliJ IDE

Software Engineer

Luxoft Romania, BUCHAREST

October.2016 - October.2018 (2 years)

Job domain: IT Software
Company industry: IT&C Software
No. of employees: > 2000
Company description: Luxoft is an international custom software development company with more than 13,100 employees.
Responsibilities: QA automation contractor for "Palo Alto Networks"
Write Python/TCL scripts for automating the manual tests (Ethernet, TCP/IP, OSPF, BGP etc.)
Develop testing scenarios for new features, regression testing, code fixing.
Create network setups according to test specifications.
Verify the setup functionality by using different software packet generators

(hping, sendip), verifying correct functionality with packet capture and checking the firewall logs.
 Review the TCL code written by other engineers.
 Develop new methods used by our automation framework and doing reviews for methods developed by the other engineers.
 Networking and unix knowledge (TCP/IP, routing protocols, packet capture and previously worked with openssl, curl, wget, apache and other).
 Working with Jira and Bugzilla to open new bugs for the developer team.
 Experience with version control software (perforce) - submitting new files, integrating them in different development branches, reverting changes, renaming the files, see logs with recent changes.

Details about PAN devices: <https://www.paloaltonetworks.com/products.html>

Radio Planning and Network Access Engineer

TELEKOM ROMANIA , BUCHAREST

August.2012 - October.2016 (4 years, 2 months)

Job domain:	Telecommunication
Company industry:	IT&C Telecom
No. of employees:	> 2000
Company description:	Telekom is a telecommunications company in Romania;
Responsibilities:	<p>Perform field survey for proper candidate assessment/ranking; prepare technical site survey report with the proposed RF solution;</p> <p>Site acquisition; choose the optimum candidates and define search areas for the new sites using RF planning software, maps and GIS tools;</p> <p>Site design: preparing Radio Survey Data (antenna height, type, azimuth, tilt), equipment determination;</p> <p>Acceptance (site verification), site/cluster Optimization and customer complaints;</p> <p>Coverage and capacity analysis using Astrix tool;</p> <p>Nominal plan creation;</p> <p>Redesign the network based on traffic analysis output and issue the necessary WOs;</p> <p>Redesign sites to fix the existing coverage holes and improve KPIs by changing antennas, adjusting power levels, add/remove sectors or swap the old equipment;</p> <p>TRX additions, interference analysis and fine tuning;</p> <p>Following and analyzing statistics: traffic intensity, traffic congestion, drop calls percentage, handover success;</p> <p>Spectrum engineering such as band planning, spectrum re-farming, cross border coordination in case of DCS1800/LTE1800 and GSM900/UMTS900 deployment;</p> <p>Indoor coverage planning using iBwave tool;</p> <p>Treat and solve customer complaints using tools like cell trace, user trace and drive test measurements;</p> <p>Drive Test measurements using TEMS Investigation or Nemo and analyzing the Drive test log file on Actix tool;</p> <p>Experience working with Ericsson and ZTE products on GSM, UMTS/HSPA and LTE air interfaces.</p>
Accomplishments:	<p>Planning the broadband coverage in villages for White Area Project;</p> <p>Improving the UMTS/LTE coverage in big cities;</p>

Internship

Orange Romania, BUCHAREST

June.2011 - September.2011 (3 months)

Job domain: Telecommunication

Company industry: IT&C Telecom

No. of employees: > 2000

Company description: www.orange.ro

Responsibilities: Operations and Maintenance Centre

Accomplishments: Learning the basic concepts of telecommunication systems

STUDIES

University Politehnica of Bucharest - The Faculty of Electronics, Telecommunications and Information Technology

October.2012 - July.2014

Diploma (type of studies): Master Degree

Field of studies: Automatics - Computer Science

City: BUCHAREST

Other relevant information: Master of Computer Science, Intelligent Systems and Computer Vision;
Master Degree thesis: BIG DATA ANALYTICS;
Grade: 9.00;

University Politehnica of Bucharest - The Faculty of Electronics, Telecommunications and Information Technology

October.2008 - July.2012

Diploma (type of studies): Bachelor Degree

Field of studies: Automatics - Computer Science

City: BUCHAREST

Other relevant information: Bachelor degree, Computers and Information Technology;
Bachelor degree thesis: Interactive learning methods for analysis of satellite
images; Grade: 9.58

National College Ecaterina Teodoriu

September.2004 - July.2008

Diploma (type of studies): High School

Field of studies: Mathematics - Informatics

City: Targu Jiu

Other relevant information: Baccalaureate grade: 9.90;

ABILITIES

Foreign languages:	Writing	Reading	Speaking
English	Intermediate	Intermediate	Intermediate
French	Beginner	Beginner	Beginner

Driving licence :	Yes
Qualities:	Problem solving, Analysis capacity, Creativity & innovation,
IT knowledge:	<p>C++;</p> <p>Matlab - advanced - making programs for Master and Bachelor Degree thesis (e.g : search for similar images from the satellite images database with best machine learning algorithm (Support vector machine, K-means, K-NN, Bayes,...);</p> <p>Pascal - basics - (e.g : displays sinus and cosinus functions using BGI Graphics libraries);</p> <p>Sql Server- basics</p> <p>Ms Office - advanced</p> <p>Actix Analyzer- basics</p> <p>ASTRIX(RADIO FREQUENCY PLANNING TOOL) - advanced</p> <p>iBwave- basics (e.g : 2G/3G/4G indoor coverage for MEGAMALL, CORESI MALL and Sala Polivalenta CLUJ)</p> <p>Android Studio- basics (e.g : display level of RF signal or making vibrate the mobile phone, also I made an application for automatic calling to a specified phone number, when the car is in proximity of home gate)</p> <p>Java - developed mobile apps, worked with threads, services, XML, Eclipse IDE</p> <p>TCL, Python</p> <p>Cisco Packet Tracer- advanced (used in Infoacademy CCNA courses)</p>
Other courses, trainings	<p>Certification Training Orange Education Program;</p> <p>WCDMA RANW12 protocol & procedures;</p> <p>WCDMA RAN W12 Quality of Service;</p> <p>Mastering LTE Air Interface;</p> <p>Certification Training „Leadership”;</p>
Certificates:	<p>CCNA 1 Exploration - Network Fundamentals ;</p> <p>CCNA 2 Exploration - Routing Protocols and Concepts;</p> <p>CCNA 3 Exploration - LAN Switching and Wireless;</p>

DESIRED JOB TYPE

Objective:	I am seeking employment with a company where I can grow professionally and personally.
Job type:	Full Time,
Job level:	1 - 5 years of experience
Salary expectations (EUR)	Unspecified
Are you willing to travel:	Yes, over 50% of my working time