

Europass curriculum vitae

Personal information

Surname(s) / First name(s) **Chitu Catalin**
 Address(es) Str. Alexandru Jebelleanu nr. 9
 300664 Timisoara, Romania
 Telephone(s) Mobile work:
 +40 (747) 135464
 E-mail(s) syndycat@yahoo.com
 Nationality (-ies) Romanian
 Date of birth 26.12.1976
 Gender Male



Summary

Alcatel Lucent Bell Labs Distinguished Member of Technical Staff (DMTS) with more than 10 years telecom progressive experience in software development, project & product development and management and more than 5years in Precision Agriculture

Work experience

Dates	From April 2015
Occupation or position held	Chief Technology Officer
Main activities and responsibilities	In charge with all technology aspects, research and innovation. Design and develop iOla framework (hw and software) necessary for building disruptive IOT solutions for Agriculture, Smart City, Smart Environment and Smart Home, supporting Wifi, BLE, Lora, LoraWan, SigFox, Lte-M Cat1, Lte-M Nblot technologies. Patent for various technological implementations. 2017 - Designed and Implement the Teraseya IOT solution (devices+platform) for Smart Agriculture 2018 - Designed and Implement Lumbara IOT solution for Smart Gardening
Name and address of employer	Frontier Conect SRL Timisoara, str. Gh Lazar 9
Type of business or sector	Information Technology/Telecommunications
Dates	Mar 2012 – April 2015
Occupation or position held	Senior Consultant
Main activities and responsibilities	Supporting architecture & R&D, product requirements & transformation, in order to have a good ratio on technology-delivery-costs. Software architecture/development/re-factoring/improvement modules and technology prototypes developed in Java (Android), Objective-C/SWIFT (IOS), .NET (Windows Mobile) or (cloud) web server sol. (WebServices, SOAP, JSON, etc.) and embedded
Name and address of employer	Imalog Bd Grivitei nr. 70, Brasov Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Sep 2010 – Mar 2012
Occupation or position held	Product Manager
Main activities and responsibilities	Responsible with Multimedia Streaming Server(MSS) product management (as primary responsibility) and Product Delivery Manager for Digital Media Store solutions around ALU Multimedia Content Management (MCM). Defining requirements (prototyping and commercial), Negotiating roadmap and delivery commitments, Working with strategic customers and internal organizations to define API requirements and the use cases to support, Establishing the business model (e.g., Partner, resell, pricing, IP agreements, etc), Lead definition and creation of supporting offer communication material (e.g., Sales Training, Customer Documentation, Offer Marketing, Tendering, etc.). Solutions delivery for: Maxis Malaysia (eBook store, AppStore, NewsAlert store), Etisalat UAE(AppStore), Percept India(Video Store), Verizon USA (Immersive communications), T-Mobile USA (Music store) including the frontend mobile client application (Android, iPhone etc.)
Name and address of employer	<i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora – Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Feb 2010 – Sep 2010

<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Program Manager</p>
	<p>Responsible with 5910 Multimedia Streaming Server(MSS) program management: schedule, variation, change control, risks developing the necessary actions to fulfill the desired results of our customers, providing action plans to improve performance and managing critical situations, leadership responsibilities. Part of my time I spent also helping (pre-)sales teams on various video solutions architectures and quotations.</p> <p>I also overseen project engineering teams located in US, Romania, China.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p><i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora – Romania Information Technology/Telecommunications</p>
<p>Dates</p>	<p>Feb 2009 – Feb 2010</p>
<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>R&D Manager</p>
	<p>Responsible over R&D of 5910 Multimedia Streaming Server(MSS). Management of the MSS team structured in Development and QA. In charge with the implementation of the new features, test specifications, quality and customer support. Technical entry point for the other Applications Group solutions architects. Main interface for the customer issues.</p> <p>Responsible with the budget and people management (hire, fire, people development)</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p><i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora - Romania Information Technology/Telecommunications</p>
<p>Dates</p>	<p>Oct 2008 – Feb 2009</p>
<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Senior consultant</p>
	<p>Main responsibilities: MiTV_2.2 Windows Mobile client solution: design, development and testing coordination. During this time, I also was involved with other client solutions (J2ME, Android, Iphone etc.)</p> <p>Strong knowledge: Windows Mobile platform and SDK (DirectX, Touchscreen + GSensor ergonomics, video streaming, .NET compact framework).</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p><i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora - Romania Information Technology/Telecommunications</p>
<p>Dates</p>	<p>Sept. 2007 – Oct. 2008</p>
<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Senior consultant</p>
	<p><u>Customer:</u> ICO – USA (project size: 21 MEUR) DVB-H/DVB-SH trial solution.</p> <p>Main responsibilities: DVB-H/DVB-SH client design and development: UI, player, video recorder, ESG(Electronic Service Guide), EPG(Electronic Program Guide) , DVB-H/DVB-SH drivers inter-working. Main interface with the 3rd party providers. First contact point for technical issues and features implementation.</p> <p>Strong knowledge: MPEG-TS, DVB-H, DVB-SH, 3rd party frameworks (Expway ,Dibcom). Knowledge in DVB modulation and video quality investigations.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p><i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora - Romania Information Technology/Telecommunications</p>
<p>Dates</p>	<p>Dec. 2006 – Sept. 2007</p>
<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Senior consultant</p>
	<p><u>Customer:</u> Orange – France (project size: 350 KEUR) Video telephony adaptation.</p> <p>Main responsibilities: Solution architecture & implement of H225 core software adaptation in order to connect the H323/SIP clients using different video/audio codecs. Responsible with solution development and acceptance.</p> <p>Knowledge: H225, H323, SIP.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p><i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora - Romania Information Technology/Telecommunications</p>
<p>Dates</p>	<p>Mar. 2006 – Dec. 2006</p>
<p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Project Manager</p>
	<p><u>Customer:</u> Globacom – Nigeria (project size: 3.5 MEUR) — Integration of all Alcatel multimedia solutions(video streaming(packet/circuit), video browser, video mailbox, video greeting kiosk, video telephony, video conference) with the operator 3G network. Management of the solution deployment in Lagos(Nigeria). Main responsibilities: resources and schedule implementation, strategies for risk mitigation and contingency planning, component deliverables & integration, project goals & milestones. Primary contact</p>

	point for technical aspects and issues, solution acceptance and extensions, training. Responsible with CDE requirements implementation & deployments.
	Experience with Globacom network: NGN, OSS(billing), GGSN, SGSN.
	Experience with African culture, mentality and environment conditions.
Name and address of employer	<i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora - Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Oct. 2005 – Mar. 2006
Occupation or position held	Technical Project Manager
Main activities and responsibilities	<u>Customer:</u> QTEL – Qatar (project size: 300 KEUR) — Integration of the video streaming packet solution with the operator 3G network. Management of the solution deployment in Doha(Qatar). Main responsibilities: resources and schedule implementation, risk management, requirements & development. Primary contact point for technical aspects and issues, solution acceptance and extensions, training. Responsible with all CDE extensions. Experience with Qtel network: NGN, OSS(billing), GGSN, SGSN. Experience with Middle-East culture, mentality and environment conditions.
Name and address of employer	<i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora – Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Jan. 2005 – Sep. 2005
Occupation or position held	Technical Project Manager
Main activities and responsibilities	<u>Customer:</u> AVEA – Turkey (project size: 150 KEUR) — Integration of the video streaming packet solution with the operator 2G network. Management of the solution deployment in Istanbul (Turkey).Main responsibilities: project management, primary contact point for technical aspects and issues, solution acceptance, training. Experience with AVEA network: NGN, OSS(billing), GGSN,SGSN
Name and address of employer	<i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora – Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Oct. 2002 – Jan. 2005
Occupation or position held	Segment leader
Main activities and responsibilities	Responsible for Timisoara Intelligent Optical Network competence group: project management , sw. development and E2E testing . Technical support for the other teams (Architecture, Integration, Testing and GMRE team in Stuttgart). Responsible for the product and process quality (CMM). Group leader of 2 teams: Software development + Integration&Testing.
Name and address of employer	<i>ALCATEL Romania</i> 9 Gh. Lazar, Timisora – Romania
Type of business or sector	Information Technology/Telecommunications
Dates	Mar. 2002 – Oct. 2002
Occupation or position held	Senior Software Engineer & Solution architect
Main activities and responsibilities	Close activity with Stuttgart architecture team, in order to design the GMRE (GMPLS – Generalised MPLS Routing Engine) management modules: CLI, SNMP, CORBA. GMRE is the head of the ALU Intelligent Optical Network. I also developed the first releases of these modules. Later on, I was responsible with Software Design Document and Test Strategy on each module. Technologies/protocols used: (G)MPLS, OSPF, SDH, Q3, TL1, SNMP v1-v2c, Telnet Development : C++ Unix/Linux, TAO/ACE, CORBA, Java
Name and address of employer	<i>ALCATEL SEL</i> Stuttgart
Type of business or sector	Information Technology/Telecommunications
Dates	Oct. 2001 – Mar. 2002
Occupation or position held	Team Leader
Main activities and responsibilities	Team leader of 5 people responsible for DVB-S client development (Astra satellite). Responsible also with the Segment Test Specification and Inter-Segment Test Specification. Technical support for the Integration Team. Contributions to Content Management – client UI design documents.

Name and address of employer	Deuromedia Gmbh Brasov – Romania
Type of business or sector	Information Technology/Telecommunications

Education and training

Dates	15.09.1995 – 17.06.2000
Title of qualification awarded	Bachelor's Degree
Principal subjects/Occupational skills covered	Automatics, Information Technology
Name and type of organisation providing organisation and training	University of "Transylvania" - Brasov – Romania Automatics and Computer Science
Level in national or international classification	ISCED 6

Dates	15.09.2000 – 17.06.2002
Title of qualification awarded	Master of Science Degree
Principal subjects/Occupational skills covered	Computer science
Name and type of organisation providing organisation and training	University of "Transylvania" - Brasov – Romania UNESCO - Automatics Intelligent Production and Quality(AIPQ)
Level in national or international classification	ISCED 6

R&D skills and competences	C/C++, OOP, OOD, STL, Visual C++, ActiveX, (D)COM, OpenGL, HTML, DHTML, .NET Knowledge of: XML, Java ME, ADO, SQL, PERL, Web Services, Mobile technologies Good command of: Rational Clearcase, Visio Expert in: Microsoft Project
----------------------------	---

Other skills and competences	Telecommunications: UMTS, GPRS, EDGE OS: SUN Solaris, HP Tru64, Windows Equipments/Products: Alcatel 1678, Cisco switches, Alcatel 1674 Crossconnect, Alcatel A5020 Softswitch (VoIP), Radvision P25M Gateway, Radvision Multimedia Conference Unit, Alcatel Intelligent network OSP, Streaming technologies (3GPP, Apple, Adobe, Smooth) Standards: Telnet, SDH, OSPF, SIP, H323, H225, H245, DVB-(S)H, DVB-T, MPEG-TS, H264, MPEG4, AAC
------------------------------	---

Driving licence	Category B
-----------------	------------

Additional information	Diplomas/Awards <ul style="list-style-type: none">• 1994 - National College Scientific Session in Informatics - First prize for the research in "Advanced Integrated Systems"• 1994 - Students Scientific Session - "Technologies, Inventions and Business" prize - with the research in Geodesic & Topography area and integrated solution for the National Institute of Wood.• 1995 - Town hall Invention contest - Prize for the "City Information Panels" solution• 1998 - National Students Scientific Session - First prize for the research & product "Geographical Information Systems".• 1999 - National Students Scientific Session - First prize for the research in "Automatics and advanced visual control".• 2000 - National Students Scientific Session - Second prize for the research in "Plug-in Integration Systems development".• 2010 – ALU Bell Laboratories - Distinguished Member Of Technical Staff
------------------------	---