

## Europass curriculum vitae

### Personal information

Surname(s) / First name

**Hric Peter**

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Nationality

Slovak

Date of birth

01.06.77

Gender

Male



### Desired employment / Occupational field

**Senior IT developer (respectively team leader)**

### Work experience

Dates

July 2014 – present

Occupation or position held

Analyst / designer / programmer / project coordinator

Main activities and responsibilities

Analyze, design and implement software based on „technical requirements given by goal definition“ alone or with team of co-developers.

- Development of real-time COM/CAN interface drivers under IntervalZero's RTX

- Creation of smart algorithm autonomous decision system, dispatching robots according to incoming messages from PLC and based on current manufacture hall status, Hall statistics back-end, License server for CEIT Software components.

**IT Technologies:** C# .NET 3.5/4.5 C/C++, VS2008-2015, Eclipse, MySQL Workbench, Interval Zero RTX, WinXP embedded, Win Server 2008

Name and address of employer

**CEIT Technical Innovation**, Univerzitná 8661/6A Žilina, Slovakia <http://www.ceitgroup.eu/>

Type of business or sector

Manufacture process automation, mechatronics

Dates

Oct 2013 – June 2014

Occupation or position held

Define, design, develop, testing and documentation of mobile platform applications.

Main activities and responsibilities

All activities that belong to mobile app development and its life-cycle.

**IT Technologies:** C# with Xamarin and JAVA with Eclipse ADT, partly IntelliJ IDEA, SVN, Git, Android

Name and address of employer

**Self employment**, volunteer, self-skill building

Type of business or sector	Information Technology, Mobile platform apps
Dates	May 2005 – Sept 2013
Occupation or positions held	IT developer, Team leader, wireless telecom. network expert, system architect/analyst
Main activities and responsibilities	<p><b>1<sup>st</sup> Project: WiMAX / LTE – General Agile development method (duration 7+ years):</b>  Design, implementation, testing and reporting of System and Link Level wireless network simulator and tools. R&amp;D in wireless technologies: OFDM, IFDMA, WiMAX, LTE, UMTS  <b>IT Technologies:</b> Matlab, Scilab, C++ under UNIX, ClearCase, SVN, UML design with Rational Rose, XML, Unix c-shell scripting  <b>Positions held:</b> Team leader, developer, programmer, wireless telecom. network expert, system architect/analyst</p> <p><b>2<sup>nd</sup> Project: TETRA – SCRUM development method (duration: 15 months):</b>  Multi network dispatching and surveillance system (Tetra, ISDN, PSTN, GSM-R). Implementation of new features, testing, version control within existing architecture and international team of developers.  <b>IT Technologies:</b> MS Visual Studio 2008, Eclipse Java/C++, ACE library, OO Design Patterns, Multi-thread server-client application programming, ASN structured language for client – server intercom, SQLite, PostgreSQL, SVN, Tetra AT commands, Target platforms: Linux/Windows  <b>Positions held:</b> Scrum team member, developer</p>
Name and address of employer	<b>Siemens PSE s.r.o.</b> , Dúbravská cesta 4, Bratislava – Slovakia
Type of business or sector	Information Technology, SW development, Telecommunications
Dates	Jan 2003 - May 2005
Occupation or position held	IT developer
Main activities and responsibilities	<p>Design, implementation, and reporting – Development of embedded SW for end user telecom terminals  <b>IT Technologies:</b> C/C++ under Nucleus RTOS, MKS source control, Lotus Notes – bug tracer, email</p>
Name and address of employer	<b>Sagem Communications SA</b> , Gutheil-Schödergasse 5, Vienna – Austria
Type of business or sector	Information Technology, DSP, embedded SW/HW development, Telecommunications
Dates	May 2002 – Dec 2002
Occupation or position held	Junior IT developer
Main activities and responsibilities	<p>SW Development – drivers and applications for Widows CE for corporate product :  Gotive H42 WEC (Wireless Enterprise Communicator)  <b>IT Technologies:</b> Microsoft Embedded C, MFC, C++, MS Source Safe</p>
Name and address of employer	<b>Gotive s.r.o.</b> , Zámocká 34, Bratislava – Slovakia
Type of business or sector	Information Technology, SW/HW development, Computer Science, Embedded R&D
Dates	Sept 2001 – Apr 2002
Occupation or position held	Junior IT developer – IAESTE Trainee
Main activities and responsibilities	<p>Matlab simulations, DSP code implementation and optimization, SW development  <b>IT Technologies:</b> Matlab, DSP Assembler, C/C++, Texas Instruments Code Composer Studio, TI TMS 3200 KIT, RTDX – Real Time Data eXchange, Microsoft Visual C++ 6.0, Microsoft COM (Component Object Model)</p>
Name and address of employer	<b>Oticon S/A</b> , Kongebakken 9, 2765 Smørum, Denmark
Type of business or sector	R&D in audio coding and wireless transmission, Information Technology, embedded SW/HW development, Computer Science

Dates	Jan 2001 – June 2001 (During undergraduate university studies)
Occupation or position held	Junior/Student IT developer – ALES a.s.
Main activities and responsibilities	Programming of GUI component classes <b>IT Technologies:</b> NeXT STEP (Unix Like) <a href="http://en.wikipedia.org/wiki/NeXTSTEP">http://en.wikipedia.org/wiki/NeXTSTEP</a> , Objective-C
Name and address of employer	<b>ALES a.s.</b> Soblahovská 2050 Trenčín, Slovakia
Type of business or sector	Aviation Navigation Systems for airport dispatchers, Information Technology, SW development

## Education and training

Dates	Sept 2011
Principal subjects/Occupational skills covered	Linux scripting: Ruby / RubyMine
Name and type of organisation providing education and training	MINIO s.r.o.
Dates	July 2011
Principal subjects/Occupational skills covered	Scripting and programming in UNIX shell
Name and type of organisation providing education and training	CIS - Computer Information Systems s.r.o. Bratislava - Slovakia
Dates	June 2009
Principal subjects/Occupational skills covered	UML notation and documentation
Name and type of organisation providing education and training	Gopas a.s. Bratislava – Slovakia
Dates	June 2008
Principal subjects/Occupational skills covered	Advanced techniques in C++ programming
Name and type of organisation providing education and training	Gopas a.s. Bratislava - Slovakia
Dates	May 2006
Principal subjects/Occupational skills covered	C++ programming under Linux part I and part II
Name and type of organisation providing education and training	CIS - Computer Information Systems s.r.o. Bratislava - Slovakia
Dates	Mar 2006
Principal subjects/Occupational skills covered	Scripting and programming under Unix
Name and type of organisation providing education and training	Siemens PSE s.r.o. Bratislava - Slovakia
Dates	Sept 2004

Principal subjects/Occupational skills covered	UML basic training
Name and type of organisation providing education and training	CIS - Computer Information Systems s.r.o. Bratislava - Slovakia
Dates	Sept 1995 – Jun 2001
Title of qualification awarded	MScEE. Master of Science – Telecom & Electrical Engineering finished with red diploma honors.
Principal subjects/Occupational skills covered	Telecommunications, Radio and electrical engineering, Multimedia, DSP, Programming
Name and type of organisation providing education and training	Technical University of Košice Letná 9, Košice, Slovakia Department of radio-electronics and multimedia telecommunications
Level in national or international classification	Recognised nation and Europe wide
Dates	Sept 1991 – Jun 1995
Title of qualification awarded	Graduation with honors
Principal subjects/Occupational skills covered	Audio and Video techniques, electronics
Name and type of organisation providing education and training	Secondary Technical school of Joseph Murgaš, Hurbanova 6, Banská Bystrica, Slovakia
Level in national or international classification	

## Personal skills and competences

Mother tongue(s)

**Slovak, Czech**

Other language(s)

Self-assessment

European level (\*)

**English**

**German**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C2	C1	C1	C1
B1	B1	A2	B1	B1

\*) Common European Framework of Reference (CEF) level

Social skills and competences

As a team leader and motivator, as well as a team member, I worked in multinational environments in three different companies.

In the most recent - Siemens, I had to daily cooperate with colleagues in Germany, Austria, Poland, Hungary, Italy, Denmark, China and Slovakia.

In my previous work experience with Sagem - Com, Austria, I also cooperated with French and Austrian colleagues. Whether it be in my home, corporate office, or at foreign site.

I have spent 7 months in Denmark with Oticon S.A., participating on a very innovative, technically advanced hearing aid devices development. This unique experience involved me to cooperate in a rather multicultural team of highly skilled professionals, and international students' community.

Organisational skills and competences

2.5 years of team leading. Focusing on development of simulator tool for 4G wireless network deployment, optimisation and algorithm evaluation.

In this particular position, apart from programming and leading the technical part of the project, it was my responsibility and pleasure to motivate all members of my team. To lead them to both: perform and enjoy their work better. Furthermore, my duty was assessment of our work and rewarding each individual's effort separately.

In such leading soft-skills, recently discovered in the hidden corners of my personality, many involved people mentioned they see an immense potential for my growth.

Technical and computer skills and competences

Object oriented programming and notation / documentation

STL (Standard Template Library), .NET 3.5,

Encountered ACE, BOOST, C++11, C++14

Design Patterns

RealTime OS (Nucleus, WinCE)

Multi-thread programming

Some experience in UI, UX design, Linux shell scripting

Embedded HW systems understanding and analysis, Embedded SW development.

Digital Signal Processing (DSP) – proprietary Telecom and Multimedia algorithms, Man-Machine int.

Limited experience with Artificial Intelligence, Cybernetics (rather self study – interactive courses)

Programming language skills and competences

C/C++, C#	Advanced
Matlab / Simulink / Scilab	Advanced
UML notation, RUP Design	Advanced
XML, HTML	Advanced
SQL	Advanced
Assembler (DSP TMS3200, Motorola 56k, i 8051)	Intermediate
Java	Intermediate
Unix / Linux / Shell	Intermediate
Objective C	Beginner
PHP, RUBY	Beginner – self study and trainings
VHDL, Verilog – Hardware Desc. Languages	Beginner - self-study

Artistic skills and competences	Guitar and flute play, singing, acting, painting
Other skills and competences	<ul style="list-style-type: none"> <li>- I consider myself generally a <b>creative person</b>, in different ways. <b>I hate to do things twice the same way</b>, and just find pleasure in <b>discovering unusual approaches, reaching the unknown</b> frontiers.</li> <li>- Above average in Physics and Mathematics – utilizing the Technical University level</li> <li>- Team leading and motivation. Technical requirements analysis. – Acquired at work.</li> <li>- Some people say I am a <b>perfectionist</b>. I do not satisfy with mediocre, or <b>anything inferior to perfect</b>. I have to humbly add, that I still have a <b>good sense of humour</b> and I do <b>distinguish fundamental and collateral</b> :-)</li> </ul>
Driving licence(s)	Personal Car ca. 300.000 km
<b>Additional information</b>	<ul style="list-style-type: none"> <li>- <b>Creative work</b> and task is a <b>very strong motivation</b> factor for my personality.</li> <li>- I like to read popular scientific books in the disciplines of Physics, Quantum-physics, Astrophysics, some Math papers required to grasp physical research and problems.</li> <li>- Taking online interactive courses at: <a href="http://www.alison.com">www.alison.com</a>, <a href="http://www.udacity.com">www.udacity.com</a>, <a href="http://www.lumocity.com">www.lumocity.com</a> in various technical disciplines.</li> </ul>

## Annexes