



## Personal information

Surname / First name

**Hošna Andrej Mgr.**

Address

- (SK) Žitavská 4, 821 07, Bratislava, Slovakia
- (IE) 8 Liberty View, Long's Road, Dublin 12, Ireland

Telephone

+421-903-852696 (SK) , +353-86-7340982 (IE)

E-mail

Hosna.Andrej@gmail.com

Nationality

Slovak

Date of birth

19/08/78

Gender

Male

## Work experience

Dates

September 1, 2012 to present

Occupation or position held

**Software Development Engineer**

Main activities and responsibilities

- Development of control plane[Java] for load-balancers fleet (several hundreds of LB's)
- Load-balancers platform operations (DevOps model, on-calls, SME for LB/DNS)
- Integration testing for key load-balancer platform components [Ruby,Cucumber, own DSL]
- Development of tools to improve efficiency of fleet operation [Ruby,Python]
- Develop security features to safeguard platform configuration changes [Java,Ruby,Perl]
- Participate in hiring process (interviewing)
- Contribute back to team by giving presentations and kicking off code-kata sessions

Name and address of employer

Amazon Data Services Ireland, One Kilmainham Road,Dublin 8

Type of business or sector

Online retail and web services

Dates

June 20, 2011 to August 31, 2012

Occupation or position held

**Senior C/C++,Java developer**

Main activities and responsibilities

- programming of game system core [C] and management applications [Java] on Windows platform
- programming middle-ware and payment components [C#]
- programming ASP.NET MVC3 payments application [C#, JQuery, JS, CSS]
- analysis and design of changes and new functionality to existing system and new projects in large scale Internet service operator environment
- using agile software development methods (Scrum, BDD, TDD) in medium scale IT business

Name and address of employer

Pocket Kings Ltd., Cherrywood, Dublin 18, Ireland

Type of business or sector

On-line gaming

Dates

Aug 1, 2007 to June 15, 2011

Occupation or position held

**Senior C/C++ developer, IT Professional**

Main activities and responsibilities	<ul style="list-style-type: none"> <li>– leading developers team (Ruby, Java, C/C++, 7 people)</li> <li>– leading system application support team (4-6 people)</li> <li>– software releases coordination</li> <li>– programming of middle-ware for financial transaction processing in C/C++ using enterprise technologies (MQ, Oracle/ProC)</li> <li>– programming automatized system testing scripts and support scripts in Ruby and Bash</li> <li>– analysis and design of changes and new functionality to existing system and new projects</li> <li>– lectures on the subjects of security, programming, new technologies</li> <li>– PCI/DSS related analysis, development and proposals</li> <li>– implemented new application monitoring based on Zabbix (analysis, business and technical proposal, set-up, customization, tutoring of support team)</li> <li>– consultations for HR department (1<sup>st</sup>,2<sup>nd</sup> round of interviews for developer and system administrator positions, tests, introduction to domain, technical advisor)</li> </ul>
Name and address of employer	TatraBanka a.s. , Bratislava, Slovakia Regional Card Processing Centre, s.r.o, Bratislava, Slovakia
Type of business or sector	Finance, Bank
Dates	Apr 1, 2004 to July 31, 2007
Occupation or position held	<b>Programmer of network administration tools/IP network engineer</b>
Main activities and responsibilities	<ul style="list-style-type: none"> <li>– programming of custom network management tools in LAPP environment, Java, C++, Shell</li> <li>– programming of custom configuration tracking system</li> <li>– programming tools for technical staff of large network operator</li> <li>– patching of several open-source packages to fit organization's needs</li> <li>– administrator of several Linux based servers</li> <li>– administration of allocated IP space for regional Internet registry SK.GTS (more than 200.000 addresses)</li> <li>– network engineer (CISCO,Juniper systems devices)</li> </ul>
Name and address of employer	GTS Nextra a.s., Apollo BC, Prievozská 2/A, 82499, Bratislava, Slovakia
Type of business or sector	Internet, Telecommunications
Dates	Jan 1, 2000 to Mar 31, 2004
Occupation or position held	<b>Programmer and administrator of UNIX/Linux systems</b>
Main activities and responsibilities	<ul style="list-style-type: none"> <li>– programming communications software used for meteorological purposes (ANSI C)</li> <li>– programming visualization software and physics libraries displaying meteorological data (C++)</li> <li>– programming implementation of HA system on 2 node Linux cluster</li> <li>– programming network communication driver for Linux kernel</li> <li>– programming various shell scripts used for system administration</li> <li>– administration of several servers based on (Unix, BSD, Linux)</li> <li>– programming web applications</li> <li>– implementing embedded warning systems based on VIA platform</li> </ul>
Name and address of employer	IBL Software Engineering, Mierová 107, 82105 Bratislava, Slovakia
Type of business or sector	Development, Solutions integration, Meteorology
Dates	May 1,1997 to Dec 31, 1999
Occupation or position held	<b>Programmer and System Administrator</b>
Main activities and responsibilities	<ul style="list-style-type: none"> <li>– programming Database/GIS related software in Visual Basic Environment</li> <li>– programming function libraries in C</li> <li>– providing SW/HW support</li> <li>– database management</li> <li>– Linux WWW/FTP/DNS/Mail server administration</li> </ul>
Name and address of employer	N.A.G.L. Svobodu 9, Bratislava, 812 49, Slovakia
Type of business or sector	Government

## Education

Dates	Oct. 2011 – Dec. 2011																														
Principal subjects/occupational skills covered	<b>Introduction to Artificial Intelligence</b>																														
Name and type of organization providing education and training	<i>On-line course provided in cooperation with Stanford Engineering</i>																														
Dates	Apr. 2012 – Jun. 2012																														
Principal subjects/occupational skills covered	<b>Introduction to Cryptography</b>																														
Name and type of organization providing education and training	<i>Coursera.org on-line course provided in cooperation with Stanford Engineering incl. Programming assignments</i>																														
Principal subjects/occupational skills covered	<b>Informatics</b>																														
Name and type of organization providing education and training	<a href="#"><i>Graduation thesis: Graph algorithms (Java, Slovak)</i></a> Universitas Tyrnaviensis - University of trnava Pedagogics Faculty (distance study)																														
Dates	1 Sept, 1996 – 15 May 1998																														
Title of qualification awarded	Abs.																														
Principal subjects/occupational skills covered	<b>Management and Business in Electronics</b> – personal management – electronics – economy																														
Name and type of organization providing education and training	VOS (Higher Education School) Zochova 1 Bratislava, Slovakia																														
Mother tongue	Slovak																														
Other language(s)	<b>English</b>																														
Self-assessment																															
<i>European level (*)</i>																															
<b>English</b>	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Independent user</td> <td>C1</td> <td>Proficient user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
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	<i>(*) Common European Framework of Reference for Languages</i>																														
Organisational skills and competences	Background in personal management and economics. For almost 5 years I've been organizing agenda of an amateur ice hockey team. I've also played major role in organizing Slovak Linux Users Group conference.																														

Computer skills and competences

- [developing own configuration management tool for Cisco networks](#)
- programming in C, C++, Ruby, BASH/KSH, PHP, Java/Groovy/Scala
- background in web application development
- agile programming, TDD, very strong collaboration attitude
- excellent Linux/Unix operating systems knowledge (Kernel,LFS,SMGL)
- RCS/CVS/Subversion/Accurev/Git user and administrator
- solid experience with UML2
- experiences with several relational databases(PgSQL,MySQL,Oracle)
- experience with ORM mapping frameworks (Hibernate, JPA, AR)
- implemented own configuration revision control system
- implemented own HA Cluster solution for Linux
- superb administration skills, experienced at developing own administration tools
- solid understanding of security (application, system and network level and cryptography)
- keeping security in mind during SDLC
- participated on PCI/DSS and other security audits
- experience with CISCO and Juniper routers and switches (MPLS)

Certificates

- BrainBench.com – Linux/Unix Administration Master
- CISCO P-Cube
- CISCO Basic MPLS
- Juniper Internet Engineer

Other skills ,competences and interests

- adaptability and flexibility
- “always want to know more” attitude
- creativity
- reliability, responsibility and loyalty
- detail oriented and self started
- interest in security and cryptography
- nterest in dynamic languages (Ruby, Groovy)
- background in domain of financial processing
- background in meteorology and GIS software
- good orientation in networking and large scale design

Driving license

I'm holder of category “B” driving license