

Personal information

Surname / First name **Hošna Andrej Mgr.**
Address Žitavská 4, 821 07, Bratislava, Slovakia
Telephone +421-903-852696
E-mail Andrej.Hosna@uid0.sk
Nationality Slovak
Date of birth 08/19/78
Gender Male

Work experience

Dates Aug 1, 2007 to present
Occupation or position held **Senior C/C++ developer, IT Professional**
Main activities and responsibilities

- programming of middle-ware for financial transaction processing in C/C++ using enterprise technologies (MQ, Oracle/ProC)
- programming automatized system testing scripts in Ruby
- programming miscellaneous support scripts in Ruby and Bash
- analysis and design of changes and new functionality to existing system and new projects
- supporting 3rd party and in-house applications
- using and spreading agile development methodology
- preparing lectures on the subjects of security, programming, new technologies
- PCI/DSS related analysis, development and proposals
- new application monitoring based on Zabbix (analysis, business and technical proposal, set-up, customization, tutoring of support team)
- team-leading of system application team (4-6 people)
- consultations for HR department (1st, 2nd round of interviews for developer and system administrator positions, tests, introduction to domain, technical advisor)

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 **Programmer of network administration tools/IP network engineer**
Main activities and responsibilities

- programming of custom network management tools in LAPP environment, Java, C++, Shell
- programming of custom configuration tracking system
- programming tools for technical staff of large network operator
- patching of several open-source packages to fit organization's needs
- administrator of several Linux based servers
- administration of allocated IP space for regional Internet registry SK.GTS (more than 200.000 addresses)
- network engineer (CISCO, Juniper systems devices)

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	Programmer and administrator of UNIX/Linux systems
Main activities and responsibilities	<ul style="list-style-type: none"> - programming communications software used for meteorological purposes (ANSI C) - programming visualization software and physics libraries displaying meteorological data (C++) - programming implementation of HA system on 2 node Linux cluster - programming network communication driver for Linux kernel - programming various shell scripts used for system administration - administration of several servers based on (Unix, BSD, Linux) - programming web applications - implementing embedded warning systems based on VIA platform
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	Programmer and System Administrator
Main activities and responsibilities	<ul style="list-style-type: none"> - programming Database/GIS related software in Visual Basic Environment - programming function libraries in C - providing SW/HW support - database management - Linux WWW/FTP/DNS/Mail server administration
Name and address of employer	N.A.G.L. Svobodu 9, Bratislava, 812 49, Slovakia
Type of business or sector	Government

Education

Dates	Sep. 2006 - May. 2008
Title of qualification awarded	Magister (Mgr./MSc.)
Principal subjects/occupational skills covered	Informatics <u>Graduation thesis: Graph algorithms (Java, Slovak)</u>
Name and type of organization providing education and training	Universitas Tyrnaviensis - University of trnava Pedagogics Faculty (distance study)
Dates	Sep. 2004 - Apr. 2006
Title of qualification awarded	Bachelor (Bc./BSc.)
Principal subjects/occupational skills covered	Applied Informatics <u>Graduation thesis: Visualization of graph algorithms (Java, Slovak)</u>
Name and type of organization providing education and training	Constantine the Philosopher University in Nitra Faculty of Nature sciences
Dates	1 Sept, 1996 - 15 May 1998
Title of qualification awarded	Abs.

Principal subjects/occupational skills covered

Management and Business in Electronics

- 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)

English

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

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
- background in web application development
- agile programming, TDD, very strong collaboration attitude
- excellent Linux/Unix operating systems knowledge
- detailed knowledge of OS internals (Kernel/LFS/SMGL)
- overview of Java technologies
- solid experience with UML
- 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
- experiences with many web tier applications technologies
- solid understanding of security (application, system and network level)
- 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
- interest in dynamic languages (Scala, Groovy)
- background in domain of financial processing
- background in meteorology and GIS software

Driving license

I'm holder of category "B" driving license