

# oMiroslav Nachev

## CONTACT DETAILS

**Date of birth:** 17.11.1966  
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## TECHNICAL SKILLS

### Technical

- Knowledge and expertise in the following technologies - Java, **Swing**, **SwingX**, ApplicationFramework, Java Beans, BeansBinding, **JPA**, **EJB3**, Web Services (Metro: JAX-WS, JAXB, and WSIT), Hibernate, XML, SQL, XML Security & Encryption, Java Security, X.509 Certificates, XAdES, JSP/JSF, AJAX, Portlets, PCB Design.
- **JavaEE 5 GlassFish** v2 Application Server, JBoss, IBM WebSphere Application Server/Portal, BEA WebLogic Application Server
- MS Windows, Linux
- Oracle, MS SQL Server, PostgreSQL, MySQL, Derby Database
- **NetBeans**, JBuilder, Eclipse, MS Visual Studio
- Known and used Telecom and VoIP technologies and products: xDSL (HDSL), E1 (G.703, G.704), TDM, PCM, PRI/BRI ISDN, FXS/FXO, HDLC, Asterisk IP PBX, Direct Inward Dialing (DID), VoiceMail, IVR, Voice Recording, SIP Proxy/Register, SIP, H.323, IAX, PSTN Gateway, Dialplan, G.711/G.729/G.723/Speex, Line and Acoustic Echo Cancellation, Fax, etc.
- Other known but not used from long time languages: Basic, Fortran-77, Pascal, x86 assembler, C, C++, 4GL Magic

## PROFESSIONAL EXPERIENCE

*My job preferences are related with the following technologies and products: JDK6+, Java EE 5, EJB3, JPA, Swing, Java Web Start (JNLP), Java Security, XML Signature and Encryption, Core Java Programming, and NetBeans 6 IDE, and SQL, VoIP & Telecom.*

**April 2006 – Present**

**COSMOS Software Enterprises, Ltd.** [www.space-comm.com](http://www.space-comm.com)  
**Software Architect, Designer and Developer**

**May 2007 to Nov 2007:**

ManPower Inc., USA

I am working remotely (through VPN) as contractor in position “Development Lead – Portal Services”.

My job is related with IBM WebSphere Application Server/Portal, Portlets, EJB2, JSF1, Hibernate, Oracle 10g, Data Deployment.

References:

Contact – job position	Email	Phones
Mike Stoffel – Development Lead	<a href="mailto:Mike.Stoffel@na.manpower.com">Mike.Stoffel@na.manpower.com</a>	W: +1 414 906-7592 M: +1 414 559-0940
Jasvinder Singh – Application Lead	<a href="mailto:Jasvinder.Singh@manpower.com">Jasvinder.Singh@manpower.com</a>	W: +1 414 906-7072 M: +1 414 426-8746
Eric Evans – Manpower Manager, Talent Management Solutions	<a href="mailto:Eric.Evans@na.manpower.com">Eric.Evans@na.manpower.com</a>	W: +1 414 906-6478 M: +1 708 415-5410

**Apr-2006 to Apr-2007:**

eConfidence System (<http://www.planc.biz/index.php?butName=ECS>)

Design and Development of XML Signature and Encryption using European standard XAdES. Used technologies and products: JDK6, Hibernate, MySQL/Derby, Java Web Start (JNLP), Swing/SwingX, ICE Application Server (<http://www.zeroc.com/ice.html>);

During my free time I am working on one open source project:

<http://code.google.com/p/acacia-business-ace/>

**May 1998 – March 2006**

**COSMOS Software Enterprises, Ltd.**

**Manager, Software Architect, Designer and Developer**

- Responsibilities:
  1. Manages software engineers and other specialists (up to 32 specialists);
  2. Implementation of ISO 9001:2000
  3. Teaching of new and young specialists
  4. Consultations in IT and Communication areas;
  5. Software Design and Development;
  
- Lead participation in the following projects:
  1. Design and preparation of a technical specification and auction documentation for the setup of an "Emergency Call System 112" - finished in December 2000;
  2. Project Manager of "Design and preparation of technical specification of PHARE Project for a 'Vessel Traffic Management and Information System and Global Maritime Distress and Safety System zone A1'. Finished in July 2001";
  3. Project Manager of IT (AVL Software, Servers, and Workstations) and IP Backbone for the Border Police TETRA System – the COSMOS is subcontractor of Nokia for this PHARE project. The AVL Software is developed from Novo company. COSMOS and Novo are Nokia TETRA Partners;
  4. Asterisk based IP PBX solutions. Some of more popular clients are:
    - [Comel Soft Multimedia](#) with 60 extensions (Jan-2003);
    - [Elana Holding](#) with 200 extensions (Sep-2003);
    - [IDG Bulgaria](#) with 50 extensions (Jul-2003);
    - [Metal Technology Group - Angel Balevski Holding AD](#) with 70 extensions (Feb-2004);

**March 1997 – April 1998**

**SPARNEX N.V., Antwerp, Belgium**

**Software Developer & PCB Designer**

**Type of business or sector:** Telecommunications (xDSL, Telecom Devices/Testers/Analyzers)

- Software Development under Windows NT and Linux;
- PCB Design using OrCAD and Protel;

**March 1993 – February 1997**

**COSMOS Software Enterprise**

**Manager, Software Architect, Designer and Developer**

- Manages of 3 IT specialists and the company activities;
- Software Development (C, Visual C++, Btrieve, MS SQL Server, 4GL - MAGIC);
- Communications - modems, LANs;
- Consulting & Trade.

**September 1991 – February 1993**

**ABACUS, Sofia, Bulgaria**

**Sales Manager**

- Sales management and activities of oil (mazut) and IT equipment

**January 1988 – August 1991**

**Central Institute of Computer Technics and Technologies, Sofia, Bulgaria**

**PCB Designer & Software Developer**

- PCB Design - Racal Redac, CadStar, OrCAD, PCAD;
- High Speed IC's Development on ECL and GaAs Basis;
- Software Development under AT&T UNIX, and DOS.

## TRAINING / EDUCATION

**September 1989 – July 1990**

**Sofia University, Sofia, Bulgaria**

Mathematics and Information Technologies

**September 1987 – July 1988**

**Technical University, Sofia, Bulgaria**

Electronic Technique and Information Technologies

**September 1985 – August 1987**

**Military Service**

Radio-station commanding officer

**September 1981 – June 1985**

**Technical High School for Mechanic Technique and Technologies, Stara Zagora, Bulgaria**

Mechanical engineer - Machine-building and Machinery construction

My power is Engineering (creative) and non-traditional thinking with which I solve complex problems which are difficult for solving using traditional approach. I like to programming but in the same time I have some management experience. That's why I can start from pure programming but my desires are IT Manager, Project Manager, Team Leader, Software Architect or Senior Java Developer. I am using Java from 1998.

**Member of:**

- Bulgarian Association of Software Developers (BASD);
- Bulgarian Java User Group (BGJUG).

Seminars and presentations:

On 28 November 2007 (Wednesday) at 19:00h in Hall 200, Faculty of Mathematics and Informatics, Sofia University were introduced the following new Java technologies:

- Java Persistent API (JPA);
- BeansBinding;
- Swing Application Framework;
- Java EE 5 (GlassFish v2);
- Java Web Start (JNLP);
- SwingX components.

The seminar subject is "Creating of Rich Client Applications using NetBeans 6 and Java Swing"

<http://www.devbg.org/seminars/seminar-Swing-and-NetBeans-28-November-2007/>

<http://nakov.devbg.org/Seminar-SwingX-and-Netbeans-28-November-2007/>