

# ALEXANDER A. MYODOV

## CONTACT INFORMATION

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- **Date of birth:** September 28, 1981.
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## SUMMARY OF EXPERIENCE

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- **Operating Systems:** Linux (Debian) – advanced user/administrator, other Unix systems – user; Windows; Nortel HLR SOS.
- **Programming languages:** Protel (Nortel proprietary language for SOS platform) – expert level; Perl – regular tool, Python/Ruby/TCL/C/C++/Java(+J2ME)/C#/PHP/SQL – hands-on experience; Lisp/Erlang/SML/J – basic knowledge (area of interest).
- **Environments:** Unix environment(vim, (x)emacs, shell, CVS/make, LaTeX), MS Visual Studio.
- **Skills:** design and implementation of robust 24x7x365 systems with soft-realtime requirements, team leading (up to 20 persons), mentoring, Internet and GSM networks architecture knowledge, technical writing/translation/editorship (Russian and English languages).
- **Languages:** Russian (native), English (colloquial, written; technical; phone conferences with native speakers, technical writing and translation).

## EDUCATION

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### **1999–2004 Nizhegorodsky State University**

- The department of Calculating Mathematics and Cybernetics, the chair of Computer Software.
- Thesis work: Universal distributed computing system “DistributedDotNet” (C#/.NET), defended with excellent grade.

### **1997–1999 Nizhegorodsky Technical Lyceum**

- In-depth study of mathematics and programming, winnings in multiple science/studying competitions.

## PROFESSIONAL EXPERIENCE

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### **2002–now “Mera-NN” company**

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#### **04/2005–now**

- **Position:** Lead engineer
- **Project:** WNE (wireless network and engineering)
- **Responsibility:** sole responsibility of telco HLR (GSM or CDMA) database migrations from various vendor HLRs to Nortel equipment; donor HLR database analysis, rapid implementation and thorough testing of conversion tools for the gathered requirements and customer-specific business logic, migration/cutover support
- **Tools:** Linux/Nortel SOS, Perl/Python/Ruby
- **Achievements:**
  - 11 different HLR (among 5 different HLR database architectures) for 4 different telcos were successfully migrated, without subscriber affecting or service loss; total subscriber amount affected: more than

10 million people.

- 4-month-long onsite presence in Kolkata, India; successful conversion of 6 HLRs for BSNL telco.

#### **04/2005-now**

- **Position:** Software engineer/developer.
- **Project:** Maidenhead (HLR design), ATCA HLR Design team.
- **Responsibility:** Nortel GSM HLR development and sustaining; customer-level technical documentation creation and editing/proofreading.
- **Achievements:** the total amount of edited/proofread documents: about 2500 pages.

#### **02/2006-05/2006**

- **Position:** Team leader.
- **Project:** Maidenhead (HLR design), HLR CR Support team.
- **Responsibility:** preliminary analysis of incoming Change Request (CR) and in-team distribution; progress/metrics tracking and keeping the high rates; newcomer mentorship; expert analysis/help with especially difficult issues.
- **Achievements:** simultaneous and effective team leading for a team up to 25 persons large; 10 new newcomers completely mentored and became employed.

#### **05/2004-04/2005**

- **Position:** Team leader.
- **Project:** Maidenhead (HLR design), GM17 (design) team.
- **Responsibility:** task distribution/tracking within the team, long-term task planning and ensuring the outturn, metrics tracking; Nortel GSM HLR development and sustaining.
- **Tools:** HP-UX/Linux/Nortel SOS, Protel, Perl, PLS/CVS.
- **Achievements:** multicomponent patch for an important area of a new Nortel HLR release (GSM18 HLR upgrade) was released on time.

#### **12/2002-05/2004**

- **Position:** Software engineer/developer.
- **Project:** Maidenhead (HLR design), GM17 (design) team.
- **Responsibility:** development, documenting and implementation of a various Nortel GSM HLR components (3PC support: FindCorruption and Memory Audit; new tools: IHF Audit, DICT communication framework); software sustaining.
- **Tools:** HP-UX/Linux/Nortel SOS, Protel, Perl, PLS/CVS.
- **Achievements:** the developed interprocess/internode communication framework (DICT) was reused in subsequent Nortel HLR releases by different developers for independent features.

#### **11/2002-12/2002**

- **Position:** Developer.
- **Project:** Maidenhead (HLR design), HTA OPS (operation support) team.
- **Responsibility:** from-scratch development and implementation of GUI-enabled tool for HLR subscriber profile creation.
- **Tools:** HP-UX/Linux, Perl, Perl/TK bindings, CVS, C++, Xerces XML library.

**Summer 2001 “Marker-1” company**

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- **Responsibility:** requirement definition, development, implementation and sustaining of a special-purpose CRM system.
- **Tools:** PHP, MySQL, (D)HTML, CSS, JavaScript.
- **Achievements:** the system is developed from scratch and deployed at two separate branches of the company, customer staff is satisfied.

**02/2001-06/2001 “R52” company**

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- **Responsibility:** implementation of various web-sites and e-shops.
- **Tools:** (D)HTML, CSS, PHP/Perl, SQL, JavaScript.

**PERSONAL INTERESTS**

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Photography; journalism (part-time writer in “Foreign Car” magazine); simulating computer games; home network administering; esoteric programming languages.

**OTHER FACTS**

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Participance in Mobile Systems Programming Contest by Telma company (Summer 2002, Java/J2ME) – 3-rd place; opensource project participation (author of “Diago” project); proficiency in blind touchtyping (English and Russian).