

# Alexey Ott's Curriculum Vitae

## Personal Info

- **Name:** Alexey (Alex) Ott
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- **Phone:** +4917650439409 (mobile), +4952549210056 (home)
- **E-mail:** [alexott@gmail.com](mailto:alexott@gmail.com)<sup>1</sup>
- **Citizenship:** German, Russian
- **Date of Birth:** 04 Jun 1974

## Summary

- Serious experience in products development for Data Leakage Prevention & Content Filtering
- Leader of software development projects (commercial & open-source)
- Software architect and developer using many different programming languages
- Business vision of problems and requirements

## Work Experience

- **Senior Developer** at *Secure Computing Corp.*  
**Dates (from-to):** 01.2007-now  
**Name and address of employer:** [Secure Computing Corp](http://www.securecomputing.com)<sup>2</sup>. 33100 Paderborn, Germany  
**Positions held:** Senior Developer  
**Type of business:** Software Development  
**Main activities and responsibilities:**
  - Development of content-filtering software
  - Architect of new versions of software
  
- **Head of Software development group** at *Jet Infosystems*  
**Dates (from-to):** 10.2001–11.2006  
**Name and address of employer:** [Jet Infosystems](http://www.jetinfo.com)<sup>3</sup>. B. Novodmitrovskaya, 14/1, 127015 Moscow, Russia  
**Positions held:** Head of Software development group, Chief System Architect  
**Type of business:** System Integration  
**Main activities and responsibilities:**
  - Leader of development group (9 people);
  - Lead of development projects;
  - Architect and development of custom and off-the-shelf software (C/C++, Scheme, Lisp, Java);
  - Negotiation with customers
  - Present solutions for customers;
  - Participation in marketing activity;
  - Infrastructure architect (data & process integration projects, network projects, mail projects).
  - *Performed Projects:*
    - \* **Mailboss** (aka SMAP “Dozor-Jet”) – mail filtering and archiving software (architect and develop software, lead the development process); <http://www.jetinfosecurity.com>;

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<sup>1</sup><mailto:alexott@gmail.com>

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- \* **Webboss** (aka SKVT “Dozor-Jet”) – web filtering software (architect and develop software, lead the development process); <http://www.jetinfosecurity.com>;
- \* **BeepayXP** – payment processing software for the Vimpelkom – large Russian Mobile Company (Data architect, server infrastructure architect, project coordinator);
- \* **File-NG** – data type detection library;
- \* **KC IAS** - lead architect in data and process integration pilot project (on the base of Sun Java CAPS) for a Russian Central bank. Business process analysis, Project architecture design, product selection.
- \* Content-type detection add-on for the Cerberus software (Mail filtering software for Lotus Notes);
- \* Custom Web Portals for the government departments (architect solutions, project coordinator);
- \* Mail projects for different clients (Infrastructure architect, project coordinator);
- \* Custom software solutions (Development in C/C++, Java, Scheme).

- **Teacher at Tomsk Polytechnic University**

**Dates (from-to):** 09.1998–08.2001

**Name and address of employer:** Tomsk Polytechnic University, Lenina Str, 30, Tomsk, Russia

**Positions held:** Assistant of Chair of Technical Physic (Teacher)

**Type of business:** Education

**Main activities and responsibilities:**

- Provide trainings for students in branch of thermodynamic, molecular physic, computer modeling of physical processes;
- Administration of faculty network (mix of Unix and Windows servers) – 1500 users;
- Development of Intranet applications.

- **Developer at E-Compare Corp.**

**Dates (from-to):** 10.2000 – 4.2001

**Name and address of employer:** E-Compare Corp, USA

**Positions held:** Developer (remote work)

**Type of business:** Software Development

**Main activities and responsibilities:**

- Writing modules for search engine (Perl, Oracle);
- Web programming (HTML, JavaScript).

## Education and trainings

- **Engineer at Tomsk Polytechnic University, Russia**

**Dates (from-to):** 1991–1997

**Title of qualification awarded:** Physic (Engineer)

**Name and type of organisation:** Physical-technical department of Tomsk Polytechnic University

**Principal subjects:** Physic and Chemistry of Plasma, Mathematics

**Level in national classification:** Higher education diploma

- **MBA at Magdeburg University, Germany**

**Dates (from-to):** 2003–2005

**Title of qualification awarded:** Master of Business Administration

**Name and type of organisation:** Deutsches MBA Program, Magdeburg University, Germany

**Principal subjects:** General management, Finance, Marketing

## Technical skills and competences

### Programming languages and software development skills

- C and C++ – more than 10 years (mostly in Unix – Linux, Sun Solaris, HP-UX, FreeBSD)
- Scheme and Common Lisp – 8 years (commercial & personal projects)

- Clojure - 1 year (personal projects)
- Erlang - 1,5 year (personal projects)
- Haskell - 1 year (personal projects)
- Java (including J2EE) – 5 years (currently inactive)
- Perl – 5 years (currently inactive)
- OCaml and F# – 3 year (currently inactive)
- Prolog - 2 years (currently inactive)
- SQL – 7 years (Oracle and PostgreSQL)
- UML modeling in complex projects
- x86 Assembler – 5 years (currently inactive)

### Other computer-related skills

- Administration of UNIX-like OS – Linux (since 1996), Sun Solaris (since 2000), HP-UX (since 2001), FreeBSD (since 2000)
- Administration of Windows OSes – NT4, 2000, XP
- Administration of relational databases (Oracle and PostgreSQL)

### Open Source projects

- Catdoc—Open-source converter for MS Office files, development of PPT & XLS converters
- ALTLinux—Linux distribution, package maintainer (2001–2004)
- Dansguardian – web-filtering software
- openfwtk—application level firewall
- Russian documentation for Linux – author of different articles about Linux

### Certification

- Authorised “ALTLinux specialist”, certificate number 0x000C;
- Brainbench certification ([Brainbench ID 5075245<sup>4</sup>](http://www.brainbench.com/xml/bb/transcript/public/viewtranscript.xml?pid=5075245)):
  - Master C++
  - Master C++ Fundamentals
  - Master Unix Programming
  - Master Linux Programming
  - Master Network Authentication
  - Master Unix Administration (General)
  - Master Linux Administration (General)
  - Master Linux Administration (Redhat)
  - C Programmer

## Personal skills and competences

### Languages

- **Russian:** Mother tongue
- **English:** Good reading, writing & verbal skills
- **German:** Good reading, basic writing and verbal skills

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<sup>4</sup><http://www.brainbench.com/xml/bb/transcript/public/viewtranscript.xml?pid=5075245>

## Social and organizational skills and competences

- Ability to working in multinational commands, working with foreign customers
- Ability to lead and working in teams (and alone)
- Experience in managing of software development teams, coordinating different departments to make projects.
- Participation in Open Source projects

## Other personal info

- **Driving license:** present
- **Artistic skills and competences:** Author of different articles, in physic and computer-related branches. Co-author of Russian translation of “GNU Emacs manual”.