

# Ilya Shinkarenko CV

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## Personal information

**e-mail:** [ilya@shinkarenko.org](mailto:ilya@shinkarenko.org)  
**phone:** [SorryNoCalls.com](http://SorryNoCalls.com)

**date of birth:** 28.03.1980  
**home address:** Kelterstrasse 26, Stuttgart 70199, Germany

**languages:** German – fluent, spoken and written  
English – fluent, spoken and written  
French – basic spoken  
Russian – native

**social status:** citizenship of Germany  
married since July 2000

## Education and certificates

- **2008:** Certified Advanced Eclipse RCP Trainer
- **2005:** Sun Certified Java Programmer
- **2001:** Kaliningrad State Technical University, Kaliningrad, Russia
  - Specialty: system engineer
  - Diploma: developing a system to design interaction models and GUIs
- **1992 - 1996:** Kaliningrad 23rd lyceum advanced Physics and Mathematics classes.
  - In 1996 took 3rd place at regional competition ("Olympiad") on physics

## Interests and hobbies

- **IT:** interaction design, UI architectures, UX, mobile devices
- learning languages

## Projects References

Daimler AG, Bosch GmbH, Robert Bosch Stiftung, Administration of City of Stuttgart, Festo, RBC Group, Verigy, Bardusch, Kellner NETCOM, ENTARENA, Axxos, Arconsis

## Technical Skills

I have perfect analytical, hacking, training, communicational and team skills. With natural love to agile way of doing things I constantly develop my skillset further on not hesitating of fusing cutting-edge technologies in multiple live projects (please see pages 3-7). Here is my solid technical background:

- Languages:
  - Java, JavaScript, ActionScript, C#
  - Clojure, Clojurescript
  - XML/XSLT, HTML, CSS, FO
  - SQL
- Platforms and frameworks:
  - GUI
    - Eclipse RCP and basically everything around Eclipse (including P2)
    - Android SDK
    - Flex SDK
  - Communication Protocols:
    - HTTP, RPC
    - REST, SOAP, Web-services, RSS
  - Server
    - OSGi (Equinox, Felix)
    - Spring
    - Red5 open source media streaming server
    - JBoss Application Server and misc. back end stuff:
      - J2EE (EJB, Servlets, JSP, JSF, RichFaces)
      - JBPM, Hibernate, iBatis, Velocity, Prevayler
    - Websphere Application Server
  - Databases: PostgreSQL, MySQL, MS SQL, DB2, Oracle, Mongo
- All-rounder skills:
  - Design patterns
  - Usability and user interaction design and analysis skills
  - Agile techniques: Scrum, XP, TDD
  - Activities in open-source communities
  - Multiple public talks
- Other notable experiences:
  - Cloud computing: Amazon EC2, GoGrid
  - Web-toolkits: GWT, JSF, Google App Engine
  - Lotus Notes, SAP eDMS
  - Microsoft.NET

For the last six years I've been strongly focused on Eclipse platform and everything what goes around that, but it isn't stopping me of discovering and using other fascinating technologies like e.g. Android SDK or Flex. If you are interested please go further and explore the detailed list of my activities within the last 12+ years.

## Professional experience in IT

06.2008 — (present time):

Ilya Shinkarenko IT Consulting

<http://shinkarenko.org>

- **Projects:**

- **Daimler Common Engineering Client (CEC) Framework (02.2012 – present time)**

- CEC is an Eclipse based framework for Daimler's huge palette of engineering applications. It includes the P2-based deployment infrastructure which is responsible of role-base rolling out applications to 15000+ users, which has been my main responsibility in this very challenging project.

- **OSGi, BND, Eclipse RCP, P2**
    - P2-based OSGi provisioning
    - Jazz

- **Tennis Math (06.2009 – present time)**

- <http://www.tennis-math.com/>

- A free tennis scoring and statistics software for Android-powered devices. Designed for tennis coaches, players or anyone interested in analyzing of their tennis. As for now it is the one and only software of this art on the Android Market, it has more than 20000 downloads, and 4.2/5.0 rating from around 200 satisfied users. Google has honored this app within the Device Seeding Program in March 2010.

- **Android SDK**
    - Project management, team leader (4 team members)
    - UI concept: architecture and user experience
    - Design and implementation
    - Connection with Facebook and Google accounts

- **Geosciences Union Conference application (12.2011 – 04.2012)**

- A multi-platform conference info application. More than 10000 session tracks are full-text indexed and available in highly usable cross-platform application.

- **GWT, ExtGWT, Lucene, XULRunner, JXBrowser**
    - GUI-development

- **BOSCH DXP (12.2010 – 04.2011)**

- Data exchange platform for the BOSCH Automotive Aftermarkt Series applications.

- **OSGi, Eclipse RCP, Spring, Hibernate, Web-Services**
    - GUI- und Server-development
    - SCRUM

- **RBC news reader (08.2010 – 11.2010)**  
<http://www.rbc.ru/>  
<http://www.rbcnews.com/>  
News reader App for the leading Russian business news agency RosBusinessConsulting. The app is built-in as OEM software in LG Android based phones.
  - **Android SDK**
  - Design and implementation
  - RBC News - Configurable RSS streams (online + offline cache)
  - RBC Market Quotations – live data and graphical analysis
  - RBC TV - video streaming and playback
  - Connection with Facebook account
  
- **ENTARENA (09.2009 – 07.2010)**  
<http://entarena.com/>  
ENTARENA is an Enterprise 2.0 platform targeted at the financial market. From the user's point of view it is a working environment with virtual dashboards, widgets and apps, which are available via the ENTARENA app store. ENTARENA has an open SDK which allows 3<sup>rd</sup> party contributors develop and sell their software.
  - **Flex SDK, Clojure, Mongo**
  - UI concept: architecture and user experience
  - Frontend development team leader (5 team members)
  - Implementation: widgets framework, Eclipse-RCP like extension-points model for extending UI, communication layer
  
- **Media Cloud (12.2008 – 06.2009)**  
<http://www.media-cloud.com/>  
Media Cloud is a B2B platform which provides pluggable, highly-available and scalable basis for various media content providers, such as Web-TV, social networking services, educational and religious organizations, and basically whoever who wants to offer highly-available media content over the Internet
  - **Amazon EC2, Red5, Flash/Flex SDK**
  - project management, design and implementation
  
- **Anprobeverwaltung (12.2008 – 03.2009)**  
Touch-screen oriented Eclipse RCP-based application for fitting process in an industrial laundry
  - **Eclipse RCP, Spring, Jasper Reports**
  - project management, design and implementation
  - UI concept: architecture and user experience
  
- **OP-Line (06.2008 – 11.2008)**  
Touch-screen oriented RCP application for an industrial laundry for managing, washing, sterilization, packaging and delivering of sterile medical clothes.
  - **Eclipse RCP, Spring, iBatis, Eclipse BIRT, MySQL**
  - OP-Line was a finalist of Eclipse Awards 2007 in the “Deployment of Eclipse in an Enterprise” category
  - project management, design and implementation

- **Public activities:**

- Experten Forum Stuttgart 2010 (Stuttgart, DE):
  - "Development with Android SDK" half-day workshop  
<http://www.softwareexperts.de/de/detail.php?nr=225&rubric=Workshops&#A2>
- Eclipse Summit India 2009 (Bangalore, IN):
  - "Plug-in development: tips and tricks" half-day workshop
  - "Design Patterns Used in Eclipse" half-day workshop  
<http://www.developer-march.com/eclipsesummit/2009/speakers.html#Shinkarenko>
- Eclipse Forum Europe 2007 (Wiesbaden, DE)
  - "Eclipse RCP Clients with J2EE Backend for Enterprise Applications" 1-day power-workshop
- Eclipse Forum Europe 2006 (Wiesbaden, DE)
  - "Eclipse RCP" 1-day power-workshop
- Java Gruppen Forum 2006 (Hindsgavl, DK)
  - "Eclipse RCP" 1-day power-workshop for members of Java Group Denmark
- FHTE (Esslingen, DE)
  - "Eclipse RCP" 2 days code camp for Students of FHTE and HdM Stuttgart
- JUGS SIG Eclipse (Stuttgart, DE)
  - "Eclipse RCP as an EJB-client" 1-day power-workshop

**12.2005 — (present time):**

**Eclipse Training Alliance**

<http://www.eclipse-training.net/>

- **Position:** coach, consultant, the responsible for training contents and trainer selection  
Development and evaluation of the learning concept and materials for a 4-day training course.  
Since December 2004 I successfully held **more than 30** such courses in German and English languages around the World:
  - **Professional client development with Eclipse RCP**
    - Eclipse plug-in architecture: OSGi, runtime, extensions
    - SWT, JFace, Workbench, other framework APIs
  - **Advanced Eclipse RCP**
  - **Eclipse RCP in enterprise applications**
  - **Effective usage of Eclipse IDE**

**04.2004 — 05.2008:**

**WeigleWilczek GmbH (former iMEDIC GmbH), Esslingen, Germany**

<http://www.weiglewilczek.com/>

- **Position:** software engineer, consultant
- **Projects:**
  - **Lisa (09.2007 – 05.2008)**  
Controlling system for a big car manufacturer.
    - **Eclipse RCP, WebSphere, DB2, EJB, Hibernate**
    - project management, design and implementation
  - **Eclipse Workcenter for Verigy V93000 SOC (07.2007 – 05.2008)**  
Consulting, development and support of an Eclipse-based IDE for testing electronic devices.
    - **Eclipse RCP, CDT**
  - **Product Catalog Workflow Editor (04.2007 – 06.2007)**  
Design and implementation of Eclipse-based editor for integrating JBPM processes in a product catalog application.
    - **Eclipse RCP, JBPM**
  - **OpenX (10.2004 – 03.2007)**  
A family of systems with custom framework for managing document workflow with an electronic signature.
    - **Eclipse RCP, JBoss, EJB, JBPM, Hibernate, PostgreSQL, Servlets, XSLT, FO**
    - implementation, design of rich- and web- front ends, workflow analysis
    - customer care, end-user consulting

- **Integrated Name- and Address Book (08.2004 – 11.2005)**  
At first, INA is a Meta-directory – an identity manager between heterogeneous DBs with personal information. At second, INA stores organizational hierarchy of a company and gives a single point access to personal or contact data within an organization.
  - **Eclipse RCP, JBoss, EJB, Prevayler, JSP, Velocity, XSLT**
  - implementation, design of rich- and web- front ends
  - identity management
- **Lotus Notes to SAP eDMS migration toolkit (06.2004 – 07.2004)**  
Framework for migrating arbitrary Lotus Notes databases to SAP eDMS system.
  - **C#, XML**
  - design and implementation, customer care
- **MIS (04.2004 – 05.2004)**  
Configurable XML web-frontend for a convenient look on aggregated representations of huge amounts of some financial data.
  - **JBoss, JSP, Servlets, XML, Web-services**
  - design and implementation, support

#### 10.2001 – 03.2004

#### Hochschule der Medien, Stuttgart, Germany

<http://www.hdm-stuttgart.de/>

- **Position:** Assistant at study course Media informatics
- **Software projects:**
  - **TeRM – Teaching with Rich Media**  
An e-Learning platform offering video-on-demand lectures, enhanced with animated slides, hyperlinks and other multimedia capabilities.
    - **Oracle 8i, Microsoft Media Services, Apache/Tomcat**
    - students mentoring, development of authoring tool
  - **Radar warning system**  
GPS-mouse and PDA communicate with the central server, which supplies information about different traffic objects.
    - **Java, JSP, Web-services, SQL**
    - students mentoring, UML and ER architecture
  - **Printer management**  
Set of scripts with a web-frontend to manage printer jobs in pool rooms network.
    - **Perl, Apache**
    - design and Implementation of remote management of printers and jobs
  - **Shutdown management**  
A system for remote shutdown of multiplatform (Win, Lin, Mac) workstations.
    - **Perl, C#**
    - design and Implementation of web-based workstation shutdown management
- **Training activities:**
  - Support practical courses: “Information systems” , “Distributed systems”, “Informatics 1: Introduction in Java”

08.1999 — 09.2001

Axxos Proconia AB, Jönköping, Sweden

<http://www.axxos.com/>

- **Position:** software developer, tester
- **Software projects:**
  - **PDT/Maintenance SCADA**  
Web-frontend framework for previously developed applications to manage data from a (handheld) PC using a HTML-browser. The business objects are visualized on an HTML-page with help of ActiveX components, displaying their state and more.
    - **MS IIS 5.0, ActiveX, ASP**
    - design and implementation
  - **Hybron**  
System for inventorying and reception of goods.
    - **migration from MS Access to Oracle 8i**
    - design and implementation of web-frontend with Active Server Pages
  - **HHHY**  
System for pocket/handheld computers. The subsystem is a web-frontend which has a connection with Hybron MPS software. Hand-held PC equipped with barcode scanner and radio-Ethernet register on the server acceptance of goods.
    - **ASP**
    - design and implementation of web-module
  - **Axxos Intranet**
    - **MS IIS 5.0, UML, MS Project, ASP**
    - specification, design and implementation of the company's intranet site
- **Other experiences:**
  - miscellaneous screen- and web-design tasks

02.1997 — 08.1999:

Intellectual Office LTD (Present name: BalticSoft), Kaliningrad (Königsberg),  
Russian Federation

- **Position:** software developer, tester
- **Software projects:**
  - **Company manager – Kant 3.3**  
Kant is a decision support system to help managers with analyzing of business data:
    - GUI implementation, report module with Crystal Reports and MS Excel
    - "visual business modeling" module specification
    - testing