

Pavel Broz

Svetla 13

SUSICE 342 01

Czech Republic

Phone: +420 607 981 722

Email: pavel.broz@email.cz

URL: <http://www.sweb.cz/broz.it>

Professional Objective

Java, C/C++, XML/XSL development/design/project management resulting in high-quality software and documentation production, in an environment that facilitates productivity, efficiency and encourages self-development.

Computer Skills

Programming Languages: Java (3 years), C (5 years), C++ (3 years), XML/XSL (1 year), SQL (3 years), PL/SQL (1 year), Pascal (2 years (not recently)), Lisp (1 year), Prolog (1 year), ADA (1 year (not recently)), Visual Basic for Applications (1 year (not recently)), HTML (1 year).

Java tools, APIs, libraries: JDBC (2 years), JUnit (2 years), Ant (1 year), JNI (2 years), EJB (1 year), SAX (1 year), Javadoc (3 years).

C++ APIs, libraries: Win32 (1 year), Roque Wave DBTools (1 year).

Software engineering, modeling, methodologies: UML (2 years), Design patterns (Gamma et al.) (1 year).

Software tools, IDEs: Visual Cafe for Java (1 year), Together Control Center (2 years), Forte for Java (Netbeans) (1 year), Microsoft Visual Studio 6 (2 years), C++ Builder (1 year), Delphi (1 year), Eclipse (1 year).

Databases: Oracle (3 years), Interbase (1 year), MS Access (1 year), Roque Wave DBTools (1 years).

Operating Systems: Linux/Unix (2 years), Windows 95,98 (2 years), Windows NT,2000 (4 years), DOS (4 years (not recently)).

Linguistic

Languages: English (9 years, fluent), German (2 years, passive), Czech (native).

Employment History**Software Engineer**

Kadel Dataservice (Plzen, Czech Republic)

August 1999–March 2002

Java development, document management systems, teamworking, workflow management systems, text processing.

Projects:

- **M/DMS document management system:** iterative innovation of old parts written in macro assembler by translation to C++, especially responsible for new persistent storage functionality (C/C++ in MS Visual C++ 6.0, RoqueWave DBTools API, Oracle database), 1 year, role: developer
- **3-tier middleware evaluation:** EJB on Weblogic application server (Java in Visual Cafe, XML, EJB) , 2 months, developer
- **TEDI - Distributed system for XML document processing:** adaptive cluster of java servers for XML parsing, formatting and output management (print queues, archiv, email, ...) Java in Visual Cafe, Together Control Center, XML – SAX, JDBC, Oracle, 6 months, role: designer, developer
- **NEMOS:** MS Acces database application for small PHARE B2B marketplace and real estate management with ASP front-ent, 3 months, role: analyst, designer, developer
- **M/Manager - customer specific business logic built on M/DMS:** robust framework for complete document flow in SPARDA bank (including batch processing, sync/async tasks, priorities, concurrency issues, ... (C++ in MS Visual Studio 6.0 ,Java in Together Control Center, JNI, JDBC, Junit, Ant, Oracle), 2 years, role: designer, developer, quality assurance
- **Native Win32 C++ utilities for Java application framework:** C/C++, JNI, Java, 2 months, role: developer

Software Engineer

independent (Czech Republic)

March 2002–Present

Open source software development. Component development. Java, XML/XSL, C/C++.

Projects:

- **Punch-clock enterprise system for project development time tracking:** C/C++, flat files, worktime-reports per project, output management, 6 months, role: project leader, analyst, designer, partially: developer
- **Human resources data exchange:** xmlResume <http://xmlresume.sourceforge.net> to HR-XML transformation
- **Resume publisher:** CV creation and distribution software base on HR-XML and xmlResume.
- **Job search and resume distribution internet agent** based on xmlresume.sourceforge.net and hr-xml standards

Education

Ing. (5 years IT university degree) in Software Engineering, July 1999. Graduated with Highest Honors.

West Bohemia University

Subjects: Database systems (A-), Software engineering (A), Hardware (A).

Interests

- Open source
- Design patterns
- Extreme programming

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