Curriculum Vitae

Abel Braaksma

Nationality Dutch
Birth date April 3,1974

Summary

Motivated self-starter and experienced enterprise software developer with over 20 years professional expertise. Analytical and creative thinker. Proactive and result-oriented leader adept in mentoring and motivating staff. Effective customer-oriented communicator.

Originally a generalist with experience ranging from x86 assembly languages via C++ to Java and C#. Currently a specialist in .NET, C#, F# and XML technologies. Wide experience in related technologies like MVC 4, Razor, WCF. Prefers development techniques using TDD, with solid continuous integration, build servers, unit and UAC tests.

Specialist in applying XML related technologies, member of the XSLT, XQuery and XPath working groups at W3C, implementor, designer and architect behind Exselt, an XSLT compiler/processor. Speaker at several conferences, including XML London and XML Prague, primarily on XSLT, XML streaming and higher-order functions.

Experience

since Feb 2011

Independent Software Architect and consultant
Architecture and technical design of an XSLT 3.0 streaming processor. Development is done in F#, C# and some applied, partially self-developed DSLs.
Speaker at several international conferences on behalf of Exselt and XSLT 3.0.
Exselt BV i.o. (own development company)
Amsterdam, The Netherlands
Compiler development

since Jan 2011

W3C Invited Expert. Member of the W3C.org XML standardization working groups for XSLT, XPath, XDM and XQuery. Responsible for test-set development for the XSLWG on XSLT 3.0. XSLT is an open W3C standard, a declarative, functional programming language dealing with XML transformations.

since Dec 2011

Light-weight CMS for PHP and .NET. Development of a cameleon CMS that sits on top of existing CMS's like WordPress, DotNetNuke, LifeRay, Joomla and others. Targets both PHP and .NET platforms, server part written in PHP and other target languages. Relies heavily on a JSON style interface with AJAX for a smooth user experience.

since Jul 2009	**Management.** In the role of owner of Abrasoft, providing out-sourcing software services, setting up and management of a development center in Ukraine with team of 10+ developers. Quality assurance, process management and architectural code-review of deliverables.
since Sep 2007	**Consultancy** for a wide range of clients, from general programming tasks for the .NET world, most specifically using C#, Rails and F# (for Exselt), typically with ASP.NET, MVC and Razor technologies, applying tools and technologies like Entity framework, NHibernate, XRM, Umbraco, DNN, Kendo DataViz. Specialized in .NET + XML and XSLT. Several projects in Java with Spring and JSF. *Abrasoft (own consultancy company)* *Amsterdam, The Netherlands* Out- and insourcing consultancy firm
Oct 2005 - Aug 2007	**Managing director and senior architect** Management of a Dutch private limited firm, development, design and architecture of the product Webitor, an enterprise document model and print management system, targeting large scale insurance and utilities companies. Webitor has a many-tier architecture and has been developed in J2EE, with a (predecessor of) JSON communication tier, to enable a RIA frontend, heavily based on JavaScript and AJAX. *Nuntia B.V.* *Barneveld, The Netherlands* Document management solutions
Apr 2004 - Sep 2005	**ICT consultant and IT Architect** Presenting and developing architecture of inter-business communication channels between Cendris and its large scale clients. Worked with top-50 companies in The Netherlands for disclosing streaming data of their document management systems to Cendris's print systems. A typical architecture involved StreamServe with XML, XSLT for transformation to suitable data format and XSL-FO for preprinting. Expanding the architecture to a SOA ESB environment. *Cendris Document Presentment, TPG Group* *Den Haag, The Netherlands* Printing and fulfilment
Jul 2002 - Mar 2004	**Senior analyst / programmer** Disclosing legacy data streams of Dutch banks and insurance companies to Privver's business-to-consumer online digitalised invoicing system, meant to replace paper invoicing. Currently, this system has been integrated into banking frontends of companies like ING and ABN-AMRO. Tasks included data transformation using proprietary software, XSLT and XML technologoies. Responsible for a group of eight developers. *Privver B.V., part of TPG Group* *Leidschendam, The Netherlands* Physical-to-digital
Jul 2001 - Jun 2002	**Independent consultant** Implemented, coordinated and planned various projects, mainly Java and C++, including redevelopment of parts of the General Ledger application of RevChain Commerce, for Daleen and their client FLAG Telecom. *Metacarpus (own consultancy company)* *Amsterdam, The Netherlands*

IT Consultancy

Aug 2000 – Jun 2011

Software architect

Architected, designed and co-developed one of the first fully functional high-availability online inter-day stock/futures/warrants/options trading system for the Dutch stock exchange, EuroNext. Developed in Java for the CORBA connection and backend and .NET and C++ for the Windows front-end.
12Bsure B.V.
Hilversum, The Netherlands
Inter-day stock and options trading systems

Nov 1999 – Jul 2000

Senior J2EE developer

Co-developed a comprehensive reservation system for the Amsterdam-based international exhibition and congress center, RAI. It allows participating companies to compose unique reservation forms graphically, while allowing a fully automatic processing of the orders and reservations.
Developed several other systems for clients of Netspanning.
Netspanning B.V.
Amsterdam, The Netherlands
IT Consultancy

Apr 1997 – Oct 1999

Internet Application Developer

Developed and managed De Zaak Internet, an interactive online system that offers financial and business support to small & medium business enterprises.
Responsible for the website of website of De Zaak.
De Zaak B.V.
Haarlem, The Netherlands
Support, legal advice and tooling for small to medium businesses

Professional Certifications

StreamServe Advanced Course
SilverStream Developer
J2EE Internet Application Developer

Technical skills

C# 4.0+	JavaScript	DocBook
F# 3.0+	HTML 5	Schematron
ASP.NET, MVC	CSS 2.1, 3.0	RelaxNG
(D)COM, ActiveX	XSLT 2.0, 3.0	XSD
Java, J2EE, JSP, JSF	XQuery 3.0	Design Patterns
CORBA	XPath 3.0, XDM 3.0	Technical Writing
x86 Assembly Language	XML	Programming concepts
C++, C	ESB Concepts	OO Concepts
Perl, PHP, Python	JSON, REST	UML

Professional Activities

Invited Expert of the standardization committee W3C for XML related standards of XSLT 3.0, XPath 3.0, XQuery 3.0 and XDM 3.0.

Education

1993 – 1996

Study of Information Technology
University of Amsterdam, Amsterdam

1992 – 1993

Voortgezet Wetenschappelijk Onderwijs (VWO, Dutch grammar school)
Cornelis Drebbel College, Alkmaar

1986 – 1991

Vrije School (secondary school, Steiner Education)
Adriaan Roland Holstschool, Bergen NH

Additional Competencies

Native tongue

Dutch

Other languages

*European Level**

	Understanding				Speaking				Writing	
	Listening		Reading		Interaction		Production			
Engels	C2	mastery or proficiency	C2	mastery or proficiency	C2	mastery or proficiency	C2	mastery or proficiency	C2	mastery or proficiency
German	C1	effective operational proficiency	C1	effective operational proficiency	B2	upper intermediate	B2	upper intermediate	B1	threshold or intermediate

** CEFR, Common European Framework of Reference for Languages, Council of Europe*

Social and organisational competencies

Communicative, both team-player and independent worker; experienced in multi-cultural working environments, proven lecturer and speaker.
Creative and initiative worker, well-versed in bridging business and technical communication; strong binding capacities as a leader.

Other interests

Piano, sports, sailing, traveling, reading

Driving licence

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Amsterdam, November 14, 2012