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Interdisciplinary System Architect and Developer

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Goals

- Seeks challenging architect & developer assignments, the dream would be AI and machine learning applied to biotechnology, robotics, space science or the games & entertainment industry. I am however open to other industries.
- Wants to evolve as a system architect and developer, but am also open to research assignments or similar.

Future

Wanted role:	System architect/developer
Alternative role:	Project leader
Form of employment:	Contract or permanent
Work form:	Full time or part time
Placement:	Primary the Stockholm area
Level of experience:	Experienced (more than 4 years)
Available:	Within a month

Future employer

Company size:	Less important. Would however prefer a smaller firm because of the more familiar atmosphere and less bureaucracy.
Category:	IT, telecommunications, biotechnology, games and entertainment industry.

Region

Willing to move:	Yes, for the right assignment	
Canada	Germany	Sweden
United Kingdom	USA	

Work permit

Germany	I have permission to work for all employers in this country.
Sweden	I have permission to work for all employers in this country.
United Kingdom	I have permission to work for all employers in this country.
Canada	I need sponsorship/support of my employer to get a work permit in this country.
USA	I need sponsorship/support of my employer to get a work permit in this country.

Experience

08/2006- 11/2008	Lightlabs AB	Stockholm
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Senior System Developer & consultant

The assignments has included all aspects of system architecture and development, from business analysis and design, to implementation, testing and deployment. Example of assignments have been Saab Avitronics and TK SE (Swedish Defence Department).

Role: project leader, product designer, system architect, system developer, database designer, database developer

Keywords: Java Standard & Enterprise Edition, Unix, Linux, Windows, Oracle, DB2, aeronautics support systems, test driven development, Agile, Scrum

02/2005 - 08/2006	Mblox Northern Europe	Stockholm
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Senior System Developer & product manager

The work tasks has included all aspects of the system development cycle – analysis, architectural design, implementation, testing and deployment. This has been applied to business critical systems for billing, customer management, telecommunications traffic statistics and similar solutions which support the mobile platform of mBlox for SMS, MMS and related applications.

Roles: project leader, product manager, system architect and developer, database designer and developer

Keywords: Java Standard & Enterprise Edition, Unix, Linux, Windows, Oracle, PostgreSQL, telecommunications, business operations and support, financial systems, statistical systems

05/2004 - 02/2005**Awardit AB****Stockholm****Technical Director**

Have improved and developed Awardit's customer loyalty system (Java based running on Dynamo Application Server and Oracle), which for example consist of transaction handling, SMS-communication, card terminals and CRM system. The position has also involved server support and network administration on Red Hat Linux and Sun Solaris 9.

Roles: technical director, system architect and developer, web developer, network manager

Keywords: Java Standard & Enterprise Edition, C, Unix, Linux, Oracle, customer loyalty systems, CRM systems, campaign management, transaction management

03/2003 - 01/2004**Bioseeker Group****Stockholm****Technical Director**

System developer/project leader with overall technical responsibility. Focus on Java Enterprise, the MVC framework Struts and Oracle databases. During this position I have improved and developed Bioseeker's system where they present their strategy for business intelligence and market and sell their analytical reports in the biotechnology domain. Furthermore I have developed their e-business platform Biomarket Group which works as a marketplace for both Bioseeker and their partners worldwide.

Roles: technical director, system architect and developer, web developer, database designer and developer, network manager

Keywords: Java Standard & Enterprise Edition, Oracle, e-commerce, campaign management

08/1999 - 02/2003**SysTeam Infogrator AB****Stockholm****Technical consultant**

I have here participated in a number of projects with 2-3 consultants where I informally have had the role as both system developer and project leader with frequent customer contact. The work have consisted of the complete process from conceptual modelling, database modelling, to implementation, tuning and support. The biggest project (roughly two years) was for the client Lessmore where we both adapted the product Dynamic Trade for dynamic markets and also built a tailor-made front office and back office system according to their specific requirements.

Roles: project leader, system architect and developer, database designer and developer, web developer, transaction management

Keywords: Java Standard & Enterprise Edition, Oracle, Windows, e-commerce, CRM systems, campaign management, transaction management

01/1999 - 09/1999**SICS****Kista****Researcher & student**

Master's degree project at SICS (Swedish Institute of Computer Science, www.sics.se) Intelligent Systems Laboratory about agent-based systems.

Roles: researcher, student

Keywords: Java Standard Edition, Windows, artificial intelligence, agent based systems, machine learning

6/1992 - 8/1998**PSab****Stockholm****Computer administration and support**

Summer job as network technician, computer support, product evaluator, and software developer.

Education**5/2007****Crisp****Stockholm****Certified**

Certified Scrum master. Agile project management

9/2006 **IBM** **Stockholm**

Certified

IBM Certified Rational Application Developer

3/2002 **Sun Microsystems** **Stockholm**

Certified

Sun Certified Developer for the Java 2 Platform

9/2001 **Sun Microsystems** **Stockholm**

Certified

Sun Certified Programmer for the Java 2 Platform

10/1999 **Oracle Education** **Kista**

Course

Development of Java based applications on the Oracle Application Server.

10/1999 **Oracle Education** **Kista**

Course

Programming in SQL and PL/SQL (stored procedures and related technologies).

9/1999 **Oracle Education** **Kista**

Course

Database development and administration for system developers.

8/1999 **Institute of Computer
Science at Stockholm
university and KTH** **Stockholm**

Masters degree

Masters degree in computer science with major in interactive systems, artificial intelligence and agent based systems.

6/1995 **Stockholm university** **Stockholm**

Course

Linear algebra, mathematical analysis

6/1994 **Jakobsbergs gymnasium** **Järfälla**

High school

Technical/natural sciences program

Memberships

1/2001 - current **Stockholm Wushu Academy** Martial arts organisation for classical Wushu

8/1995 - 9/1999 **Cultural section at DSV
(Stockholm university and KTH)** Special interest organisation for cultural events and debates.

8/1995 - 9/1999 **Business section at DSV
(Stockholm university and KTH)** Special interest organisation for an active interaction between the academic and business world. We for example organized venues where companies could visit the school to present their business and interact with the students.

1/1992 - 1/1999

Järfälla Taekwondo

Martial arts organisation for Taekwondo, a korean development of japanese karate.

Knowledge (in selection)

Area	Level of knowledge	Last used	Experience
Ajax (jQuery)	Average	Currently used	1 year
Ant (build tool)	Average	Currently used	4 years
Apache, Tomcat	Advanced	Currently used	6 years
C/C++	Advanced	2005	7 years
CGI, Perl	Average	2005	6 years
Delphi	Average	1999	2 years
Eclipse	Advanced	Currently used	1 years
HTML, CSS, DHTML, Javascript	Advanced	Currently used	10 years
Java Enterprise Edition (EJB, Servlets, JSP etc.)	Advanced	Currently used	6 years
Java Standard Edition	Advanced	Currently used	10 years
JBoss	Advanced	Currently used	4 years
LISP, Scheme	Advanced	1999	4 years
Microsoft .Net	Average	2003	1 years
Microsoft Office (Word, Excel, PowerPoint)	Average	Currently used	10 years
Microsoft Windows NT/2000, XP. Client och Server Edition.	Advanced	Currently used	5 years
Novell Netware	Average	2000	2 years
Oracle	Advanced	Currently used	6 years
Pascal	Advanced	1999	8 years
PostgreSQL	Average	Currently used	2 years
Prolog	Advanced	1999	4 years
Rational Rose	Average	2000	2 years
Smalltalk	Advanced	1999	2 years
Spring (MVC framework)	Average	Currently used	1 years
SQL Server	Average	2003	4 years
SQL, PL/SQL	Advanced	Currently used	8 years
Struts (MVC framework)	Average	Currently used	4 years
TCP/IP	Average	Currently used	8 years
Toad	Advanced	Currently used	6 years
Unix, Linux, Solaris	Advanced	Currently used	8 years
Weblogic	Average	2003	4 years
Visual Studio .Net	Average	2003	1 years
XML, Web Services	Average	Currently used	4 years

References

Pierre Wijkman	DSV	Professor
Phone:	08-16 16 30	
E-mail:	pierre@dsv.su.se	
Reference type:	Academic. Supervisor for my masters assignment at SICS.	
Fredrik Espinoza	SICS	Ph. Lic.
Phone:	08-633 15 15	
E-mail:	espinoza@sics.se	
Reference type:	Academic. Reviewer for my masters assignment at SICS	

Henrik Boström	DSV, Compumine AB	Associate Professor
Phone:	08-16 16 16	
E-mail:	henke@dsv.su.se	
Reference type:	Academic. Teacher of the AI oriented courses at DSV.	
Nils Keife	E-work	Consultant
Phone:	08-50 60 55 24	
E-mail:	nils.keife@ework.se	
Reference type:	Job related. Former colleague at SysTeam Infogrator.	
Lars Bergström	SysTeam Infogrator	Consultant
Phone:	0736-501073	
E-mail:	lasse.e.bergstrom@gmail.com	
Reference type:	Job related. Former colleague at SysTeam Infogrator.	
John Henningsson	SysTeam Infogrator	Consultant manager
Phone:	0709-25 47 11	
E-mail:	john.henningsson@systeam.se	
Reference type:	Job related. Closest boss at SysTeam Infogrator.	
Ronnie Andersson	Bioseeker Group	Co-founder
Phone:	08-673 17 00	
E-mail:	ronnie.andersson@bioseeker.com	
Reference type:	Job related. Closest boss at Bioseeker.	
Anders Lanzén	Bioseeker Group	Analyst
Phone:	076-256 50 09	
E-mail:	lanzen@yahoo.com	
Reference type:	Job related. Former colleague at Bioseeker.	
Mathias af Jochnick	mBlox Northern Europe & Lightlabs	Team leader
Phone:	0703-414084	
E-mail:	mathias@lightlabs.se	
Reference type:	Job related. Closest boss at both mBlox and Lightlabs.	
Pushparaj Silva	Saab Avitronics	System developer
Phone:	0734-374253	
E-mail:	pushpa@kth.se	
Reference type:	Job related. Colleague at Saab Avitronics (assignment through Lightlabs).	

Personal Information

Apart from science and technology in general, and artificial intelligence, biotechnology and astrophysics in particular, I am interested in martial arts, music, movies and literature. I like working with other motivated people, am highly ambitious, a quick learner, like challenges and very seldom gives up!

