

Bart Teeuwisse

Objective

Challenging innovative **Senior Software Architect** or **Engineering Manager** position for application and expansion of **analytical, coordinative and technical skills**.

Work Status

Authorized to work in the US and the EU for any employer.

Summary of Qualifications

Accomplished **computer scientist** with over ten years of Software Engineering experience analyzing highly complex core business problems and designing world-class database driven system to resolve them. At home in demanding multi-platform, multi-tier environments where business needs and quality IT solutions meet.

- **Highly motivated, quality-driven and result-oriented** with the ability to make sensible and innovative decisions under pressure.
- **Outstanding organizational, interpersonal and coordination skills** proven in mixed teams at customer sites.
- **Mastery of all software life cycle aspects**, from concept through retirement.
 - Extensive business analysis capabilities including object-oriented analysis (OOA).
 - Strongly skilled in documenting functional specification application requirements, including detailed workflow design, object-oriented design (OOD) and data modeling.
 - Experienced in design languages, tools and practices such as RequisitePro, UML and ER models and Agile Software Development.
 - Adept at relational and object data base technologies, real-time data integration, data processing of large volumes, transactional consistency and data recovery.
 - Well versed in a variety of programming languages including Java, C, Tcl, Lisp and Perl on Linux, Unix and Windows operating systems.
 - Several years of configuration and change request management experience.
 - Past experience as Senior QA Engineer directing QA efforts of items ranging from \$50,000 to over \$1 million.
 - Experience managing and utilizing database-driven web server in Intranet, Extranet and Internet settings.
 - Migrated various "live" database applications to newer revisions.

Professional Experience

2006-current	Yahoo!	Sunnyvale, CA
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Front-End Engineering Manager

- Front-End Engineering Manager of the International Tiger Team, an internal consultancy team assisting product teams internationalizing and localizing their services.
- Lead i18n/i10n engineer on Yahoo! Video.
- Two time Yahoo! Odyssey recipient for the internationalization of Yahoo! Answers and

Yahoo! Video.

- Yahoo! Super Star 2006 nominee.

2003-2005

Praesagus

Campbell, CA

Senior Software Engineer

- Leading architect and release manager of Praesagus's flagship Copper Prediction and Verification System (VIP). VIP provides full-chip predictions of electroplated copper deposition (ECD) and copper chemical mechanical polishing (CMP) process steps.
- Responsible for the architecture of Praesagus's state-of-the-art database backed distributed application platform; the foundation of Praesagus's suite of tools. Runs on POSIX systems.
- Author of XML data import wizards for quick and easy data exchange with supported measurement tools.
- Agile Software Development champion, guiding a cross-functional development team through a series of initiatives such as reflection, training and documentation in order to improve practices and products.
- Inventor of an open source Emacs mode greatly enhancing the productivity of OpenACS developers and the quality of the produced SQL and Tcl code. Written in Lisp.
- Creator of an open source XML-RPC server for AOLserver and accompanying XML-RPC client for OpenACS. Written in Tcl. Used commercially by Praesagus.

2002-2003

the Code Mill

Santa Cruz, CA

Senior Consultant/Founder

- Valued core member of the open source Content Management System 'OpenACS'. The Open Architecture Community System is a toolkit for building scalable, community-oriented web applications.
 - Creator of IRC Logger, an XSL based web application to publish IRC logs.
 - QA Manager of dotLRN, a fully open source eLearning platform, managing developers and testers in three continents.
 - Co-developer/architect of the Payment Service Contract, an open interface specification for credit card services in OpenACS inspired by the WDSL interface specification for web service.
 - Architect and developer of the Authorize.net Gateway, which implements the Payment Service Contract for the Authorize.net on-line merchant services.
 - Driving force behind the E-commerce package. E-commerce implements all the IT needs for a full featured business-to-consumer (B2C) web service.
 - Designer of the Shipping Service Contract and Value-based Shipping implementation. Value-based Shipping provides a simple yet flexible way to maintain a set of custom shipping rates based on the total value of the shipment.
- On-schedule delivery of a custom E-commerce solution to Berklee College of Music within the tight time constraint.
- Development and design of standards-compliant on-line store for Seven Sisters Trading. Store administrators can now track users and orders, manage gift certificates, mailing lists, order fulfillment and special offers on-line.

- Contributor to Greenpeace International's web site.

2000-2002	Seven Sisters Trading Co.	Santa Cruz, CA
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Senior System Administrator

- In Charge of office IT infrastructure, Internet services and integration with back office automation.
- Installed and managed corporate database-backed web server, company LDAP server, IMAP mail server with web interface and integrated with a fax server.
- Increased Search Engine ranking and web traffic of Seven Sisters Trading's on-line store by 400% in 3 months through production of value and informative content and successful newsletter campaigns.
- Achieved excellent quality of service with open source strategy and careful resource management.

1999-2001	Philips Digital Video Systems	Sunnyvale, CA
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Senior QA Engineer

- Advanced software quality of the Film Imaging Products through a series of initiatives, which enhanced productivity, reduced time to market and increased product stability of products priced over \$1 million.
- Supervised measures to increase software quality until completion. Applied quality metrics to track overall product quality progress.
- Managed an internationally dispersed quality assurance/release team.
- Increased customer appreciation by writing successful test specifications and user documentation, monitoring test execution and managing the on-going product releases.
- Introduced, installed and directed configuration management and change request management improving productivity.
- Utilized Intranet server to provide geographically dispersed multinational development organization with access to current QA procedures and documentation.
- Trained European and American field support engineers, thereby improving customer satisfaction.

1998-1998	Philips Digital Video Systems	Campbell, CA
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Senior Software Engineer

- Contracted with Philips Digital Video Systems through self owned company Talus Design.
- Responsible in the New Business group for product and software requirement analysis of new broadcast automation products integrating heterogeneous information from different data sources.
- Designed real-time software components utilizing UML.
- Spearheaded the Software Process Improvement team to guide the organization to level 2 of the Capability Maturity Model.

1998-1998	QED Software	Auckland, New Zealand
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Software Developer

- (Re)designed Prime, an international Sales and Marketing System for the primary industry.
- Responsible for the business analysis and implementation of new Prime modules.
- Employed the RDBMS/4GL Progress, including the graphical user interface builder (UIB) and Microsoft's visual basic controls (VBX).

1994-1997

Bolesian

Helmond, The Netherlands

Technical Consultant/Knowledge Engineer

- Provided technical consultancy to Royal Dutch Telecommunications. Designed and developed a Business Intelligence System for sales and marketing manager. This Windows-based expert system advises customers the most economical combination of services.
- Developed a real-time UNIX based expert system for Unilever to diagnose on- and off-line experimental fermentation processes. Both the design and the implementation were fully object-oriented. Interfaced to legacy systems for data collection and stored data persistently in an Oracle database.
- Instigated a quality assurance program for a Foxboro development team developing a real-time monitoring system for the oil industry. Created software validation procedures and standards for both the real-time object oriented software written in G2 and Informix databases triggers and procedures.
- Lead consultant in a five-man team developing a diagnosis system for Royal Dutch Shell. Personally responsible for object-oriented technical design and supervision of all coding. This industrial real-time application involved fast client/server communication with a complex data acquisition system and an Oracle database.
- Developed Bolesian's Windows based personnel administration system.
- Analyzed and designed the work flow handler of an assessment expert system in a large-scale project for the Ministry of Agriculture.

1993-1994

Espact

Rotterdam, The Netherlands

Analyst/Programmer

- Developed specialized database management systems for life insurance companies.
- Created and employed the annual actuarial premium calculation and administrative consequences.

1992-1993

TNO

Delft, The Netherlands

System Administrator

- Managed the installation of a Novell LAN and the transition from DOS to Windows at the Netherlands Organization for Applied Scientific Research.
- In charge of departmental office automation.
- Involved in several research projects, responsible for the data modeling, requirement analysis and database design.

Education

1985-1991

Technical University of Delft

Delft, The Netherlands

Master of Science in Technical Computer Science

Skills

SQL, Windows, CVS, Linux, Tcl, AOLserver, XML-RPC, UML, Oracle, Perl, Progress, Bash, XML, PostgreSQL, CSS, SSL, SSH, Firewall, QA, DTD, XPath, GNU Arch, Irix, ClearCase, Bazaar NG, C, XSL, Apache, RSS, PHP, Java, Solaris, XPointer, lighttpd, IIS, Ruby, Ruby on Rails, Flex, C++, Qt, Relax NG, SOAP, AJAX, XML Schema

Languages

Dutch, English, German, French

References

Available upon request.