

# DAN HAGBERG

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## SUMMARY

Software engineer with 15+ years of experience delivering scalable and robust solutions over a diverse set of architectures. A proven track record in all phases of software development; including design, implementation, test, documentation, and support. Highly organized and detail-oriented approach to solving problems through the use of an extensive toolset.

**Languages and Frameworks:** Java, C, C#, HTML, JSP/Servlets, JavaScript, Hibernate, Ant, JUnit, XML, and Shell Scripts  
**Databases:** SQL Server, Oracle, and MySQL  
**Operating Systems:** Windows, Solaris, Linux, and OS X

## PROFESSIONAL EXPERIENCE

**Volt Technical Resources**, Seattle, Washington

**May 2012 to Present**

*Contract with Disney's Technology Solutions and Services group*

### **Senior Software Engineer**

- Designing and developing multiple enhancements to high-volume messaging system. Enhancements implemented so far have increased customer productivity by streamlining areas of email campaign management and improved data protection through the application of strengthened security and audit logging.  
- *Java, JUnit, Eclipse, Maven, SQL Server 2005, Windows Server 2008 R2, JIRA, Perforce, Scrum*
- Developing service for next generation unified messaging system to manage returned messages for use in filtering recipients during message delivery.  
- *Java, JUnit, Eclipse, Maven, SQL Server 2005, MongoDB, Windows Server 2008 R2, JIRA, Perforce, Scrum*

**Triad Group**, Seattle, Washington

**Jan 2011 to Apr 2011**

*Contract with Disney's Connected and Advanced Technologies group*

### **Senior Software Engineer**

- Enhanced software to improve reliability of high-volume messaging system.  
- *Java, JUnit, Eclipse, Maven, SQL Server 2005, Windows Server 2008 R2, Rally, JIRA, Perforce, Scrum*
- Analyzed mail merge and sending service, providing recommendations for improvements related to thread usage and throughput.  
- *Java, JUnit, Eclipse, Maven, Windows Server 2008 R2, Rally, Perforce, Scrum*

**FAST, a Microsoft Subsidiary**, Redmond, Washington

**Aug 2007 to May 2010**

*An enterprise search company*

### **Software Development Engineer II**

- Developed and executed automated tests to add large numbers of query tuning values and report on performance impacts to maintenance screens and query execution.  
*C#, PowerShell, VisualStudio 2008, Windows Server 2008 R2*
- Worked with client support to successfully resolve customer issues with the RetrievalWare Categorization and Classification subsystem.  
*Java, C, Eclipse, JBoss, Windows Server, Solaris, Linux, ClearCase, ClearQuest*

- Developed scripts to add content to SharePoint sites and monitor system resources and reported results of FAST Search for SharePoint endurance test effort.  
*C#, PowerShell, VisualStudio 2008, Windows Server 2008 R2*

**Convera**, Carlsbad, California

**Oct 2002 to Aug 2007**

*A provider of enterprise search and categorization solutions*

**Senior Software Engineer**

- Designed and implemented performance enhancements to the RetrievalWare Categorization and Classification subsystem. In addition, performed analysis and correction of defects found both internally and in customer installations.  
*Java, C, Eclipse, JBoss, EJB, Windows Server, Solaris, Linux, ClearCase, ClearQuest*
- Discovered and corrected performance-related issues with the RetrievalWare enterprise search platform during development as well as existing customer installations.  
*- Java, C, Eclipse, JBoss, EJB, Windows Server, Solaris, Linux, OpenSTA, perfmon, JProbe, VMWare Server, Ant, make, ClearCase, ClearQuest*
- Developed performance analysis tool to visualize the combined results of multiple test platforms and system resource monitoring tools and provide run to run comparisons.  
*- Java, Swing, Hibernate, JFreeChart, JUnit, Eclipse, Linux, MySQL, Subversion*
- Created framework to drive RetrievalWare's Services APIs providing a platform to quickly create scenarios based on load, number of users, and operation mix.  
*- Java, Hibernate, JUnit, Eclipse, Linux, Subversion*
- Developed OpenAdmin UI, a framework allowing internal developers and third parties to dynamically add or extend existing RetrievalWare components, as part of the new Administrative UI for RetrievalWare.  
*- Java, Eclipse, JBoss, WebLogic, JSP, Servlets, Struts, HTML, Javascript, Windows Server, Linux, SQLServer 2000, Ant, ClearCase, ClearQuest*
- Mentored developers new to Java and J2EE development.

**TEK Systems**, San Diego, California

**Jan 2002 to Jul 2002**

*A technology execution company providing staffing and team services*

**Senior Developer**

- Developed front-end and middleware components for HNC Software's Decision Manager for Claims product.  
*- Java, Swing, Servlets, Tomcat, Windows 2000, ClearCase*

**Genesee Consulting Group**, Golden, Colorado

**Aug 2000 to Apr 2001**

*A provider of software design and development services*

**Owner**

- Provided consulting services to E-Commerce Systems, Inc. Designed and implemented scheduling, logging, and caching frameworks for servlet based architecture.  
*- Java, JSP, Servlets, Javascript, HTML, VisualAge, WebSphere, Tomcat, CVS, Bugzilla*

**JDEdwards**, Denver, Colorado

**Sep 1999 to Aug 2000**

*An enterprise resource planning company*

**Senior Programmer/Analyst**

- Implemented enhancements to improve performance and reliability of JAS DB, a Java interface to JDEdward's OneWorld database tables.

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- Java, Servlets, JDBC, MS J++, WebSphere, Apache/Jserv, WinNT, Solaris, AS/400, Oracle, SQL Server, DB2, Visual SourceSafe

- Worked with group of developers to analyze strengths and weaknesses of an EJB architecture.
  - Java, EJB, WebSphere, WinNT

**MatchLogic**, Westminster, Colorado

**Feb 1998 to Aug 1999**

*An integrated digital marketing solution provider*

**Senior Software Engineer**

- Enhanced and maintained an Internet advertising configuration system. Tasks included working with users to gather requirements and developing system enhancements to meet those requirements.
  - Java, Perl, HTML, Javascript, Swing, Applets, Servlets, Solaris, WinNT, Oracle

**American Management Systems**, Golden, Colorado

**Oct 1989 to Feb 1998**

*An international business and information technology consulting firm*

**Senior Programmer/Analyst**

- Led Infrastructure Team that created C++ class libraries including communications, HTML templates, exception processing, persistence, and audit logging.
  - C++, HTML, HP/UX
- Developed APIs to streamline coding of Open Client applications, resulting in reduced development time and fewer errors.
  - C, OpenClient, Solaris, TCP/IP
- Designed and implemented a server process to manage transaction processing allowing application developers to easily implement transactions accessing data distributed across systems.
  - C, OpenServer, ACMS, Sybase, Solaris, VMS, TCP/IP

## RECENT PERSONAL PROJECTS

### TMeter

TMeter is a framework for recording elapsed time to perform a given task and to drive processing of the completed timers. The framework consists of two main areas: Timer and TimeTracker. Timer handles the recording of elapsed time and can be used in standalone mode or as part of the TimeTracker framework.

*Project Website:* <http://www.digitalsunami.net/projects/tmeter>

*Environment:* Java, Maven, JUnit, OS/X, git