

**Sean Gallagher**  
San Francisco, CA

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**SKILLS:**

Java, Perl, Jasper Reports, JSP, Struts, RAD7, Eclipse, JavaScript, HTML, SQL, Unix

**EDUCATION:**

University of California, Santa Cruz: BA in Computer Science.

**WORK EXPERIENCE:**

**Kaiser Permanente, Oakland, CA**

**September 2006 - Present**

*Senior Software Analyst*

Software development and support of a web-based patient tracking application (PACTS).

- Enhancement of the application GUI using Java, JSPs, Struts, Javascript, JQuery and SQL.
- Development of a web-based reporting tool, using Jasper Reports, which is configurable and runnable by end-users.
- Authoring of data processing and data loading scripts on AIX.
- Authoring of an automated test-case framework for integration and QA testing.
- Generation and deployment of release-candidate EAR files to Websphere app servers.

*Software Analyst*

**February 2002 – September 2006**

Software development and customer support for Kaiser's Clinical Information System (CIS).

- On-call Level-3 support and emergency problem resolution for Kaiser's CIS application, an online patient chart and ordering system.
- Research and Development into a system for archiving patient charts as XML.
- Data mining and report generation from clinical patient chart data, stored in DB2.
- Development of a Web-based report generator, transforming existing legacy data into alternate formats (HTML, PDF, etc.)

**Rare Medium, San Francisco, CA**

**January 2000 – August 2001**

*Senior Design Technologist*

Responsible for implementing client-side /server-side web and interactive-television projects.

- Implementing web site designs both client-side ( DHTML, JavaScript ) and server-side ( SQL, ASP, Mod-Perl/Mason ).
- Researching new technologies suitable for use in broadband and rich-media applications.
- Providing technical guidance and expertise to visual designers and information architects during the creative design phase of web development.
- Performing benchmarks and load-test analysis of back-end systems.

**BackWeb Technologies, San Jose, CA**

**March 1997 – July 2000**

*Field Application Engineer*

Responsible for pre and post sales consulting to BackWeb customers.

- Analyzing customer requirements and making recommendations on network design, server scalability, and BackWeb software extensions.
- Writing custom extensions to the BackWeb Server software in C, Perl and SQL.
- Writing custom client-side extensions & helper applications in C, Visual Basic, JavaScript, and Adobe Flash.
- Creating interactive Web graphics and animations.
- Writing email processing and auditing CGI scripts for BackWeb's web site.

**Silicon Graphics Inc., Mountain View, CA**

**March 1995 – March 1997**

*Image Database Developer, Multimedia Services*

- Designed and implemented a Web-based digital image database serving images and presentations to SGI's creative staff.
- Managed Silicon Graphics' 4th Annual Visual computing Awards, an international image contest.
- Acted as a technical resource to SGI's Creative and Marketing divisions and a consultant regarding copyright issues and the licensing of digital media.

**Aurora Systems/Chyron Corporation, Santa Clara, CA**

**September 1989 – November 1994**

*Software Engineer*

- Designed and implemented new features for Aurora's 2D video paint, animation, and compositing software.
- Developed a digital image database for CNN, used by their video graphic designers.
- Provided software support for Aurora's older video paint systems.
- Developed Ethernet and SCSI interfaces to Digital Video Disk Recorders.