Eiler
Technical
Enterprises

Tech expertise for everything.

Scott D. Eiler, Senior Software Engineer

Scott is retired. but may be open to opportunities in the Everett/Seattle area or remote.

Summary

Scott is a well-qualified senior consultant, who has successfully implemented many major software projects worth millions of U.S. dollars in revenue.

- Over 30 years of life-cycle software engineering experience
- Most recent experience is in telephony and robotics control
- Published author
- Exceptionally well written with solid communication skills
- High levels of creativity and quick problem-solving capabilities
- Experience in cross-group and cross-cultural interpersonal collaboration
- Experience in real-world system building and data collection
- Experience in retail, including management and manual labor

Technical Summary	
Platforms:	HP 9000/800; Sun Solaris; AIX; Intel
Operating Systems:	HP-UX; Linux; SunOS; Windows; OS/9 RT
Programming Languages:	ANSI C, C++; UNIX sh/csh; SQL, PL/SQL and DDL; HTML; PHP; Java, JavaScript, ASP; Perl; Fortran
Databases:	Oracle; Access; Microsoft SQL Server; Sybase; Teradata; Informix
Application Development Tools:	Eclipse; Xwindows; Motif; Microsoft Visual Studio; Cold Fusion
Methodologies and Case Tools:	Software Through Pictures; System Architect (OMT/UML); Rational RequisitePro; Rational Rose; ERwin; Mercury TestDirector; Cold Fusion; TOAD; Teradata SQL Assistant
Web Servers:	Tomcat/Apache; IPlanet; Microsoft IIS
Other Software Used:	Microsoft Office; Visio; Reflection; Subversion; Citrix MetaFrame; Rational ClearCase; Lotus Notes; BEA Tuxedo; WebSphere; JDBC/ODBC; CORBA; FileNet; Doc2Help

Industries:	Defense; Weather Radar; Healthcare; Telephone; Financial, Retail

Employers

Amazon, September 2019 – June 2021, Everett, WA. Inventory Operations.
- o *Associate.* Work with inventory control software, and exercise the user interface of Amazon's robot control system.

AT&T, August 2010 – April 2022, Bothell, WA. Contractor for the Enterprise Archives.
- o *Web application and UI developer.* Maintained and enhanced the web interface for a data warehousing system. Operated that interface, and acted as its help desk. Thereby interacted with any project manager in AT&T who needed to retire software (as often happened after corporate mergers).
  - Programmed with Apache, object-oriented PHP, JavaScript, and Oracle.
  - Installed and configured PHP extensions and APIs. Used APIs for PDO, SOAP, OpenSSL, and GnuPG extensively.
  - Worked with Linux, Apache, multiple databases, and PHP (LAMP stack).
  - Worked with JavaScript using jQuery.
  - Used REST APIs to access the command list for a proprietary data storage system.
  - Used Eclipse and Subversion tools.
  - Developed help documentation using Doc2Help.
  - Trained in Agile software methodology.
- o Contracted through Matrix Resources, REM Enterprise Solutions, and IBM.

Affiliated Computer Services (ACS), February - April 2009, Nashville, TN. Contractor on a Medicaid automation project for the State of Tennessee.
- o *Developer.* Reviewed shell scripts and C-language source code, documented process flows and parameters, and programmed SQL queries in support of system test.

Electronic Data Systems (EDS), February 2007 - December 2008, Lansing, MI. Contractor on a Medicaid automation project for the State of Oregon.
- o *Developer.* Data conversion, for all Medicaid claims for the State of Oregon.
  - Attended requirement sessions, and produced design documents.
  - Implemented data conversion routines in shell scripts / C / Perl / Oracle SQL.
  - Completed data conversion, well under target dates.
  - Supported the production system after final conversion.
  - Provided substantial technical expertise in support of all parts of the data conversion team.

Home of the Sparrow, July 2006 - February 2007, Palatine, IL. Work for a charity which benefits homeless women and children.
- o *Clerk.* Duties included general management, equipment configuration, inventory control, and maintenance of computerized reports, using Microsoft Word/Excel, HTML forms, and JavaScript.

SBC / AT&T, June 2002 - May 2006, Hoffman Estates, IL. Contributed greatly to the stable operation of the order fulfillment and monitoring systems of a major phone company.

- *Database programmer* for SBC's LD-STARS order fulfillment system and "Fraud Guard" detection system.
  - Programmed a high-volume transaction server and a high-volume monitoring system using C/C++, Tuxedo, HP-UNIX 11i shell scripts, and Oracle 9i PL/SQL and DDL including stored procedures, triggers, and scheduled jobs.   Four years C++ experience in this role.
  - Led a team of database programmers… for a database that I designed and operated.
  - Performed data imports from Oracle and Teradata databases.
  - Tuned SQL queries using TOAD.
  - Maintained design documents in a FileNet repository.
  - Programmed web pages in ColdFusion.
- *Dispatch center specialist* for the Ohio Network Dispatch Center. Operated dispatching software and provided telephone support to provisioning specialists.

Eiler Technical Enterprises, November 2001 - present. Individual Proprietor. Operate a web site, and work for small and large business customers.

- *Web application and UI developer* for the Eiler Technical Enterprises web site.
  - Program interactive pages in HTML, Java, JavaScript, XML/Ajax, and PHP.
  - Install and configure PHP modules
  - Configure Windows and Linux computers for use as development platforms.
  - Applied CPU-specific patches for Linux workstation, and generated and reviewed statistics for CPU.
- *Assisted small business clients* with document scanning and graphic arts for video, May 2019.
- *Consultant* for Creative Circle, Inc, May 2010. Diagnosed a poorly performing client web site running under Linux KVM, and provided analysis that led to its rehosting.
- *Instructor* for the Palatine Park District, September 2006 - February 2007. The District holds classes in many topics, including computer operation.
- *Web site administrator* for the Gagnon Consulting and The Computer Guy web sites, May 2005. Installed PHP Web scripting software and configured the mail and Apache web servers on a FreeBSD Linux web host.
- *Inventory specialist* for Old Colony Stationary, May - June 2001. Configured workstations at numerous small business sites.
- *Configuration manager* for the Bank of America, April 2001. Produced and delivered a report on software distribution practices.
- *Trained in J2EE.*
- ***Contracted out to large employers,*** from 2007 onward, as seen below.

Beechwood Data Systems Inc. (BDSI or Beechwood) / Cap Gemini Telecommunications , October 1996 - November 2001, Hudson, MA. Performed all aspects of software life-cycle engineering. Solely responsible for computer administration and installation of telephony products which resulted in millions of U.S. dollars of revenue.

- *Systems administrator, source control manager, and installer* for all products produced by the office. Administered Windows and HP-UNIX computer systems and Rational ClearCase source control. Hosted project web servers using Tomcat/Apache and Microsoft IIS.
- *Requirements analyst, software developer, and database programmer* for SBC (see above). Performed requirements and use case traceability with RequisitePro.
- *Requirements analyst, software developer, database programmer, and source control manager* contributing to various client/server systems which generate and process telephone company service requests. Programmed an ordering system using Java (JDK 1.1), JDBC/ODBC, Tomcat/Apache, Sybase, C/C++, and CORBA; maintained an ordering system under AIX. Three years C++ experience in this role.

Systems Engineering and Analysis Corporation (SECOR), December 1994 - October 1996, Marlborough, MA. Programmed and managed telephony projects.
- *Project Manager and contributing software engineer* responsible for the design and development of GTE's Traffic Sensitive Forecasting system, a user interface client/server/database application. Programmed in C and Oracle SQL languages.
- *Software Engineer* responsible for porting a telephone voicemail system from HP-UNIX to Sun Solaris for Boston Technology. Programmed in C language.

Education:

B.S. (High Honors), Electrical Engineering and Systems Science, Michigan State University, East Lansing, MI.

Certifications:

1. **ClearCase Administration - NT**, Rational Software, 2000.
2. **Cygent Certified Professional**, Cygent, 2001.

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