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| ***Eiler*** **Technical** ***Enterprises*** *Tech expertise for everything.*  | ****Scott D. Eiler,**** Senior Software Engineer This document's master version supports its included hyperlinks. It is at [http://www.eilertech.com/work/resume.htm](file:///F%3A%5CWeb%5Chtml%5Cwork%5Cresume.htm). An MS-Word version is available at [http://www.eilertech.com/work/resume.docx](file:///F%3A%5CWeb%5Chtml%5Cwork%5Cresume.docx).Scott is currently employed and not on the job market. |

**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 20 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

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| **Technical Summary** |
| **Platforms**: | [HP 9000/800](#ldstars); [Sun Solaris](#bostech); [AIX](#miscphone); [Intel](#ldstars)  |
| **Operating Systems**: | [HP-UX](#ldstars); [Linux](#eilertech); [SunOS](#bostech); [Windows](#eas); [OS/9 RT](#helios)  |
| **Programming Languages**: | [ANSI C, C++](#ldstars); [UNIX sh/csh](#ldstars); [SQL, PL/SQL and DDL](#ldstars); [HTML](#eilertech); [PHP](#eas); [Java, JavaScript](#miscphone), [ASP](#miscphone); [Perl](#eilertech); [Fortran](#tdwr)  |
| **Databases**: | [Oracle](#ldstars); [Access](#ldstars1); [Microsoft SQL Server](#ldstars1); [Sybase](#miscphone); [Teradata](#fraud); [Informix](#eb)  |
| **Application Development Tools**: | [Eclipse](#eas); [Xwindows](#ldstars); [Motif](#eb); [Microsoft Visual Studio](#ldstars); [Cold Fusion](#ldstars)  |
| **Methodologies and Case Tools**: | [Software Through Pictures](#tdwr); [System Architect (OMT/UML)](#ldstars); [Rational RequisitePro](#ldstars1); [Rational Rose](#eilertech); [ERwin](#ldstars); [Mercury TestDirector](#ldstars); [Cold Fusion](#ldstars); [TOAD](#ldstars); [Teradata SQL Assistant](#fraud)  |
| **Web Servers**: | [Tomcat/Apache; IPlanet; Microsoft IIS](#ldstars)  |
| **Other Software Used**: | Microsoft Office; Visio; Reflection; [Subversion](#eas); [Citrix MetaFrame](#ldstars); [Rational ClearCase](#ldstars); Lotus Notes; [BEA Tuxedo](#ldstars); [WebSphere](#ldstars); [JDBC/ODBC](#miscphone); [CORBA](#miscphone); [FileNet](#fraud); Doc2Help  |
| **Industries**: | [Defense](#sdi); [Weather Radar](#tdwr); [Healthcare](#eds); [Telephone](#eas); [Financial](#boa), [Retail](#sparrow)  |

**Employers**

**[Eiler Technical Enterprises](http://www.eilertech.com/)**, 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* withdocument scanning and graphic arts for video, May 2019.
	+ *Consultant* for [Creative Circle, Inc](http://www.creativecircle.com/), 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](http://www.palatineparkdistrict.com/), September 2006 - February 2007. The District holds classes in many topics, including computer operation.
	+ *Web site administrator* for the [Gagnon Consulting](http://www.gagnonconsulting.com/index.htm) and [The Computer Guy](http://www.the-computer-guy.com/) 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.

[**Amazon**](http://www.amazon.com/), September 2019 - present, Everett, WA. Inventory Operations.

* + *Associate.* Work with inventory control software, and exercise the user interface of Amazon’s robot control system.

[**AT&T**](http://www.att.com/), August 2010 – December 2017, Bothell, WA. Contractor for the Enterprise Archives.

* + *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.
	+ Contracted through Matrix Resources and then REM Enterprise Solutions.

**[Affiliated Computer Services (ACS)](http://www.acs-inc.com/)**, February - April 2009, Nashville, TN. Contractor on a Medicaid automation project for the State of Tennessee.

* + *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)](http://www.eds.com/)**, February 2007 - December 2008, Lansing, MI. Contractor on a Medicaid automation project for the State of Oregon.

* + *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](https://www.hosparrow.org/)**, July 2006 - February 2007, Palatine, IL. Work for a charity which benefits homeless women and children.

* + *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](http://www.sbc.com/)**, 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.

**Beechwood Data Systems Inc. (BDSI or Beechwood) /** [**Cap Gemini Telecommunications**](http://capgemini.com/us-en/), 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](#sbc)). 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](http://www.secor.com/) (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.

**Contact Information:**

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4. *Currently based* in Everett, Washington, USA
5. *Work Eligibility:* U.S. Citizen.