

PAUL GEHRMAN

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SKILL SUMMARY

- 20 years developing database-intensive, web-based and desktop software with ASP/ASP.NET, C#, VB, SQL Server, Reporting Services, ADO.NET, Visual Studio, javascript, HTML, CSS, Subversion, TFS, jquery, bootstrap, handlebars, knockoutjs, NUnit, REST, WebAPI, LINQ, git
- Microsoft Certified Professional

EXPERIENCE

April 2018 - Present BACKROADS
Berkeley, California

- Consultant. Maintained and enhanced several T-SQL heavy legacy systems. Used Visual Basic 6, VB.NET, ASP.NET Web Forms, Visual Studio 2015, javascript, git, and SQL Server 2012.

June 2012 – Present LOCAL 2 HOSPITALITY INDUSTRY UNION
San Francisco, California

- Lead Architect/Developer. Rewrote and redesigned a web-based app that manages the union's benefit plans. The existing app had data integrity issues, primarily because of a poor database design, so we developed an entirely new schema and stored procedures to support it. Also wrote a new module to integrate the app with their accounting package (Abila). Wrote complex T-SQL stored procedures for reporting. Used ASP.NET, C#, Visual Studio 2010, javascript, jquery, and SQL Server 2012.

Mar. 2017 - Apr. 2018 UC BERKELEY BEAR CENTER
Berkeley, California

- Consultant. Hired to fix severe NHibernate/ORM performance problems. NHibernate code had metastasized and rendered several parts of the app unusable. Worked with DBA to create optimized stored procedures to replace NHibernate-created SQL. Rewrote VB.NET code to take advantage of new high performance code. Replaced ORM code wherever possible. Application performance improved dramatically, not to mention code maintainability.

June 2015 – July 2018 TWIT.TV
Petaluma, California

- Consultant. Added enhancements to a broadcast order sales system written in VB.NET with a SQL Server 2012 backend and Telerik controls. Deployed on Azure. TFS source control.

July 2014 - LITTLER MENDELSON
June 2015 San Francisco, California

- Consultant. Developed task workflow system and created enhancements to the firm's case management software. These apps were javascript/AJAX heavy. Most pages employed handlebars templates. Used Visual Studio 2013, C#, RESTful Web API, oData, jquery, handlebars.js, bootstrap, Subversion, SQL Server 2012, Jira, and ASP.NET 4.5.

June 2011 - BRACKET ECLINICAL
Jan. 2013 San Francisco, California

- Dev Lead. Implemented web-based and IVR-based clinical trials software for major pharmaceutical companies using complex T-SQL queries and classic ASP and ASP.NET MVC front ends. Created integrations (XML-based, etc.) to other clinical trial systems. Used SQL Server 2005, Visual Studio 2003, Visual Basic 6, and VSS. Led and mentored junior developers.

Dec. 2008 - INSTITUTE ON AGING
Feb. 2012 San Francisco, California

- Senior Developer. Upgraded and extended web applications. Redesigned database and wrote numerous SQL scripts to transform existing data and import data from disparate systems. Created reports with complex stored procedures to summarize data for management. Used ASP/ASP.NET 3.5, C#, Visual Studio, SQL Server 2000/2005, Reporting Services, HTML, javascript, and CSS.

Aug. 2010 - MIRIXA
Dec. 2010 Emeryville, California

- Consultant. Built enhancements to an ASP.NET Web Forms app used by a large network of pharmacies. Wrote unit tests in NUnit and performed load testing. Used C#, ASP.NET 4, Visual Studio 2010, SQL Server 2005, NUnit, TestDriven.NET, NAnt, CruiseControl, Subversion, and Rally Agile Project Management software.

Jan. 2010 - WORKFORCE LOGIC
Aug. 2010 Sonoma, California

- Consultant. Diagnosed NHibernate performance issues with SQL Profiler and query execution plan analysis. Refactored bloated and ill-advised NHibernate code with stored procedures to improve performance, code readability, and maintenance. Used Visual Studio 2008/2010, TFS, ASP.NET 2-4, C#, NHibernate, Telerik, and SQL Server 2008.

May 2009 - TIBESTI.COM
Jan. 2010 Los Angeles, California (telecommute)

- Senior Developer. Debugged and enhanced existing ASP website. Refactored SQL and business logic to enhance performance and user experience. Solved cross-browser compatibility issues.

- Built new website using Visual Studio 2008, ASP.NET 3.5, C#, SQL Server 2005, jquery, CSS, and javascript. Responsible for several modules of the new site including image uploading/processing, messaging system, and user profile. Designed tables and wrote stored procedures, views, and functions as necessary. Used jquery plugins, AJAX,/JSON to enhance user experience. Wrote .NET controls to handle user comments and reviews.

Oct. 2001 - UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Sept. 2008

- Lead Architect/Developer. Developed software for the School of Medicine and the Center for Cerebrovascular Research. Some of my projects included:

- Designed and built web-based curriculum CMS and medical resources database using ASP and SQL Server 2000. Used by students to manage their schedules and search for medical materials. Used by faculty/administrators to schedule courses, post materials, etc. Designed all screens and database schema, wrote hundreds of stored procedures, and worked with DBA to create effective indexes. Application was designed with extensive use of wizards, which made it extremely easy to use. This project won the [2004 Silver Award for Achievement in University Computing](#).

- Built enhancements to an auditing/online questionnaire application used by the UCSF Controller's Office to monitor departmental operations. Restructured the code, tables, stored procedures, triggers, and functions. Redesigned workflow and screens to enhance efficiency and user experience. Used ASP.NET, VB.NET, SQL Server 2000, and SQL Server Reporting Services.

- Designed and built VB6 application for the Graduate Medical Education department to manage residency and fellowship programs.

- Created application to manage clinical and genetic data. Took disparate Excel files and imported them into Access. Wrote queries to put the data into usable form and then mine it for relevant information. Wrote ColdFusion app to automate the processing of clinical data from Excel sheets.

July 1999 - BLADIUM SPORTS CLUBS
Jan 2002 Alameda, California

- Lead Architect. Designed and wrote classic ASP app to manage all aspects of a multi-sports facility, including scheduling, membership/class purchasing, league/team management, financial reporting, etc. Used SQL Server 2000, ASP, Javascript, HTML. Full life cycle development; I designed all screens, database schema, stored procs, etc. Performed DBA function.

May 1997 - STERLING LOGIC
Nov. 2001 Sausalito, California

- Consultant. Created software for pets.com, sfkm.com, athleta.com, cybercampus.com, cunderwriter.com, VentureOne, Fosters Wine Estates, Wells Fargo, Pacific Bell, Orrick, Herrington & Sutcliffe, and Research Magazine.

Used ASP/ASP.NET, VBScript, CSS, ColdFusion, VB/VB.NET, WinForms, JavaScript, Access, and SQL Server.

July 1996 - LOANSOFT
April 1997 Berkeley, California

- Visual Basic 3/Access 2 developer. Helped design and develop several of the company's desktop software products, designed to prequalify borrowers for loans, pull credit reports, and generate residential loan documentation.

Aug. 1992 - ATTORNEY
June 1996

Civil practice in the following areas: business transactions, corporate, mergers and acquisitions, tax planning, tax controversy, and estate planning.

EDUCATION

NEW YORK UNIVERSITY SCHOOL OF LAW
LL.M. Taxation

SANTA CLARA UNIVERSITY SCHOOL OF LAW
J.D., Law Review, Dean's List
American Jurisprudence Award, Constitutional Law

UNIVERSITY OF CALIFORNIA, SAN DIEGO
B.A. History (emphasis U.S.), Minor: Economics

PUBLICATIONS

[KALEIDOSCOPE](#) (novel published by New Intellectual Press in 2009)
Bay Area Independent Publishers Association Award, Best Political Fiction (2010)

SOFTWARE DEVELOPMENT BLOGS

[ORM is an Anti-Pattern](#)
[Test-Driven Dogma](#)
[The Database is King](#)
[Code Reuse is not a Design Principle](#)
[The Database is Queen](#)

EXTRACURRICULAR ACTIVITIES

TWIN CITIES LITTLE LEAGUE
Board of Directors (2012 – 2018)
Manager/Coach (2012 – 2018)
Volunteer of the Year (2014)

ST. PATRICK CYO BASKETBALL
Head Coach (2013 – 2018)

ST. PATRICK CYO VOLLEYBALL
Head Coach (2017)

MARIN COUNTY CUB SCOUTS
Treasurer, Pack 43 (2014 – 2018)

SCOTT VALLEY TENNIS
USTA Tennis Team (2012 – 2018)