

# PAUL GEHRMAN

430 Elm Ave.  
Larkspur, California 94939  
(415) 596-5869  
[paulgehrman@hotmail.com](mailto:paulgehrman@hotmail.com)

## SKILL SUMMARY

- 20+ years developing database-intensive, web-based and desktop software.
- Skills: Blazor, C#, SQL Server, ASP.NET, .NET Core/5, ADO.NET, Visual Studio, JavaScript, HTML, CSS, jQuery, bootstrap, knockout.js, Web API, LINQ, Git
- Microsoft Certified Professional

## EXPERIENCE

April 2021 – BLOOM ENERGY  
Feb 2022 San Jose, California

- Software Architect. Developed the front-end of a manufacturing execution system designed to manage the production of fuel cells. Used Blazor WASM, C#, SQL Server, DevExpress Blazor controls, Visual Studio, Bootstrap, GitLab, and Jira.

June 2012 – LOCAL 2 HOSPITALITY INDUSTRY UNION  
Dec 2021 San Francisco, California

- Software Architect. Rewrote and redesigned a web-based app that manages the union's benefit plans. Worked closely with a business analyst and other stakeholders to define application requirements. Developed an entirely new database schema and stored procedures. Wrote a new module to integrate the app with their accounting package (Abila). Wrote complex T-SQL for reporting. Rewrote website local2benefits.org. Used ASP.NET, C#, Visual Studio, JavaScript, jQuery, LINQ, and SQL Server.

April 2018 - BACKROADS  
April 2020 Berkeley, California

- Senior Developer/Data Integration Architect. Maintained and enhanced several T-SQL heavy legacy systems. Created SQL jobs and stored procedures to facilitate a massive data migration / integration from a legacy database to a new third-party database. Used Visual Basic 6, VB.NET, ASP.NET Web Forms, Visual Studio, JavaScript, Git, XML, SQL Server, and Jira.

June 2015 – TWIT.TV  
Aug. 2021 Petaluma, California

- Consultant (Part-time). Added enhancements to an ad sales system written in ASP.NET/VB.NET with an Azure SQL backend and Telerik controls. Deployed to Azure App Services.

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

- Senior Developer. Hired primarily to fix severe NHibernate/ORM performance problems. NHibernate code had metastasized and rendered several parts of the app unusable. Worked closely with DBA to create optimized stored procedures to replace NHibernate-created SQL. Rewrote ASP.NET code and implemented ADO.NET to take advantage of new high performance T-SQL. Replaced ORM code wherever possible. Application performance improved dramatically, not to mention code maintainability, debuggability, and readability. Managed pull requests and code reviews with GitHub.

Oct. 2015 - LEAGUECONNECT.COM  
Mar. 2017 Larkspur, California

- Software Architect. Developed SaaS platform for team management and scheduling app. Designed a conceptual MVC application using knockout templates and .NET WebApi. Used ADO.NET/EnterpriseLibrary.Data for high-performant data access. Wrote email generation program. Created custom ticket tracker to manage testing, bugs, and features. Led and mentored junior developer. Used Visual Studio, C#, Web API, JavaScript, jQuery, knockout.js, bootstrap, Subversion, SQL Server, LINQ, Postman, Amazon S3, and ASP.NET.  
2020 Update: Migrated and re-architected app to Blazor WASM, .NET Core, Web API, Azure Blob Storage. Refactored .NET Core EnterpriseLibrary.Data to be optimized for SQL Server.

July 2014 - LITTLER MENDELSON  
June 2015 San Francisco, California

- Senior Developer. Developed task workflow system and created enhancements to the firm's case management software. Used Visual Studio, C#, Web API, oData, JavaScript, jQuery, handlebars.js, bootstrap, Subversion, SQL Server, Jira, LINQ, and ASP.NET.

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

- Software Development 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, Visual Studio, 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 import/transform data from disparate systems. Created reports with complex stored procedures to summarize data for management. Used ASP/ASP.NET, C#, Visual Studio, SQL Server, SSRS, HTML, JavaScript, and CSS.

Aug. 2010 - MIRIXA

Dec. 2010 Emeryville, California

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

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

- Senior Developer. Diagnosed NHibernate performance issues with SQL Profiler and query execution plan analysis. Replaced bloated NHibernate code with stored procedures to dramatically improve performance, code readability, and maintenance. Used Visual Studio, TFS, ASP.NET, C#, NHibernate, Telerik, and SQL Server.

May 2009 – TIBESTI.COM  
Jan. 2010 Los Angeles, California (remote)

- 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, ASP.NET, C#, SQL Server, 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 and AJAX to enhance user experience. Wrote .NET controls to handle user comments and reviews.

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

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

July 1999 - BLADIUM SPORTS CLUBS  
Jan 2002 Alameda, California

- Software 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 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

Successful 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

## **OTHER ACTIVITIES**

Member, AMERICAN MENSA

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

TWIN CITIES LITTLE LEAGUE  
Board of Directors (2012 – 2021)  
Manager/Coach (2012 – 2021)  
Volunteer of the Year (2014)

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

ST. PATRICK CYO GIRLS BASKETBALL  
Assistant Coach (2018 - 2019)

ST. PATRICK CYO GIRLS VOLLEYBALL  
Head Coach (2017 - 2018)

USTA TENNIS  
Scott Valley Team (2012 – 2020)  
Tamalpais Team (2021 – Present)