

Al Tenhundfeld

public_resume@tenhundfeld.org

Charlottesville, VA

I am a passionate software developer with over ten years of experience. I believe crafting successful software requires marrying aptitude and discipline with a deep understanding of the problem domain. Having consulted with small ISVs and Fortune 500 corporations, I also understand that business value must drive technical decisions and the pursuit of elegant software must be tempered with pragmatism.

I am dedicated to maintaining expertise with the latest development methodologies and technologies. To that end, I am an active speaker in the local developer community. I also helped found a local .NET users group and have served as editor for a prominent online software community.

I believe the fundamental key to success for any organization is building great teams and striving for deliberate continuous improvement.

Highlights

I bring a proven set of skills including:

- C# & VB.NET Expertise
- Agile Management
- Agile Engineering
- Object Oriented Design
- Performance Testing & Analysis
- Database Design & Architecture
- MS SQL Server Expertise
- ASP.NET WebForms & MVC Expertise
- Innovation Thought Leadership
- Team Leadership & Mentoring

Professional Experience

Dominion Digital, Inc., 2006–Current

Senior Consultant

Leading Global Clinical Research Organization

Revenue Management System – Technical Lead

- Developed internal ASP.NET system to centralize and formalize revenue forecasting process
- Automated various manual processes being performed in spreadsheets
- Streamlined regional recognition and allocation of earned revenue
- Improved reportability and discoverability of revenue streams
- Defined best practices, performed code reviews, mentored

Project Bid Estimation System – Lead Developer

- Developed internal ASP.NET system to centralize and formalize proposal creation process
- Automated various manual processes being performed in spreadsheets
- Streamlined bid creation process and dramatically reduced time and effort required to alter and re-submit bids
- Defined best practices, performed code reviews, mentored

Project Management, Forecasting and Resourcing Tool – Lead Developer

- Developed internal ASP.NET system for multi-year, multi-site, multi-methodology clinical trial management and forecasting
- Matched system workflow to real-world business process resulting in improved efficiency and better user buy-in
- Defined best practices, performed code reviews, mentored

Healthcare Systems Startup

Realtime RFID Asset and Personnel Tracking System

- Performed comprehensive architecture review and performance analysis.
- Provided tangible deliverables detailing performance bottlenecks and architectural weak points, including ready-to-use examples of beneficial changes to codebase

Fortune 500 Energy Generation & Transportation Corporation

Sales and Project Management System – Architect and Lead Developer

- Designed and developed internal ASP.NET system to centralize and optimize full sales cycle, from sales inquiry through completed project
- Automated various manual processes being performed in spreadsheets
- Integrated with various existing subsystems including JDEdwards, Oracle data warehouse, and MS Project

Regional Fitness & Physical Therapy Organization

Camp Registration & Scheduler – Lead Developer and Co-Architect

- Designed and developed customer-facing ASP.NET system to establish online presence allowing registration of courses and payment processing
- Designed and developed internal administration portal to manage courses and schedules

InfoQ.com, 2007–2010

Editor, .NET Queue

- Assisting management of .NET community
- Editing and writing news articles about emerging .NET technology

Software Technology, Inc 2004–2006

Software Engineer

Flagship School Administration Suite

- Led team of in-house and out-sourced resources developing a complete redesign of the flagship school administration suite, including student management, grade management, automated scheduling, and state and federal government reporting.
- Co-architected and lead the development of the database, data access, domain, and service interface layers.
- Oversaw the development processes, including defining strategies for unit testing, usability testing, requirements management, performance analysis, and feature estimation

Executive Support Dashboard

- Designed and implemented a business intelligence dashboard from an internal help desk database to provide highly-valued real-time statistics on call duration and call volume, in addition to trend analysis over multi-department and multi-year data.

ACO Information Systems, LLC, 2002–2004

Product Development Specialist

Flagship Registration, Enforcement, and Examination Suite

- Helped redesign and develop a new platform for all future products
- Developed examination system, including smart offline capabilities
- Developed integration database and process for data mart compiling data from all products in suite

Education

University of Virginia

Professional Affiliations

Charlottesville .NET User Group

Founder, Speaker Coordinator; 2008-2011

Richmond .NET User Group

Member, Speaker; 2006-2011

Richmond Software Craftmanship Group

Member, Speaker; 2008-2011

Richmond Code Camp

Member, Speaker; 2008-2011

Competencies

Roles

Development Lead, Application Architect, API Designer, Software Engineer, Presenter

Technology Competencies

Programming Languages

Microsoft .NET Framework 2.0/3.0/3.5/4.0, C#, VB.NET, T-SQL, PL/SQL JavaScript, XML, HTML, CSS, Ruby

Operating Systems, Servers & Databases

MongoDB, Windows, MS SQL Server 2000/2005/2008, IIS

Development Environments & Tools

Visual Studio Team System, SQL Server Management Studio, Team Foundation Server, ASP.NET, ASP.NET MVC, Git, MS-Test, NUnit, MbUnit, Ninject, Rails, MongoDB, NOSQL

Training & Certification

Microsoft Certified Database Administrator (MCDBA)

Microsoft Certified Solution Developer (MCSD .NET)

Certified Scrum Master (CSM)