PETER STEPHENS

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Current Technical Pursuits: Agile Practices, Cloud Computing and Amazon Web Services, Cloud Automation, ASP.NET MVC, REST based web services, JavaScript and jQuery

CURRENT SKILLS

- **Microsoft.NET Framework** versions 1.0 – 4.5
  - » **C#, LINQ, XML**, **Networking, Regular Expressions, Multithreading**, Task Parallel Library, Encryption, etc.
  - » Websites: **ASP.NET** WebForms and **MVC**
  - » Thick Client: **Windows Presentation Foundation** (WPF)
  - » Web Services: WCF, **Web API (REST and RPC)**, and OData
- **Cloud Computing**
  - » **Amazon Web Services**: **EC2**, **S3**, **RDS**, SQS, SNS, Cloud Formation, Route 53, etc.
  - » Rackspace Cloud
- **Automation**: Powershell, MSBuild, and T4 templating
- **Agile Practices**: Continuous Integration with Team City and CruiseControl.NET, Test Driven Development (**TDD**), **NUnit, Rhino Mocks, MOQ, Autofac,** and **ReSharper**
- **Microsoft SQL Server** versions 7 – 2008. Extensive use of **T-SQL**, C# stored procedures, C# functions, management and database optimization
- **HTML**, **CSS**, **JavaScript**, **jQuery**, HTTP, Web Design, **SEO**, and Microsoft Expression Studio, Report Viewer Control based RDLC reports
- **Domain Specific Languages: Irony**
- **Deployment: WIX**, InstallShield, and WebDeploy
- **Source Control**: Git and Mercurial, Beyond Compare, KDIFF

OPEN SOURCE AND SOCIAL

- Stack Overflow: http://stackoverflow.com/users/72860/peter-stephens
- Twitter: https://twitter.com/#!/peterastephens
- Bitbucket: https://bitbucket.org/pstephens/
- Github: https://github.com/pstephens
- LinkedIn: http://www.linkedin.com/in/peterastephens

PROFESSIONAL EXPERIENCE

04/2011 – Present   **Max Ad Systems / Incisent Technologies**   **Austin, TX**

Currently a Senior Software Engineer working on a web based SaaS product for automotive dealerships

- Website design and implementation using ASP.NET Web Forms and **MVC**
- HTML, CSS, JavaScript, and **jQuery**
- Web service design and implementation using **WCF**, **OData**, and MVC
- Designed and implemented cloud based systems using Amazon Web Services: **EC2**, **S3**, **RDS**, **Cloud Formation**, Route 53, and SQS
- Maintained continuous integration systems: **Team City**, **MSBuild**, **WIX**, **WebDeploy**, **Powershell**, JavaScript and CSS minification, etc.
- Agile practices: One week sprints, one month release cycles, **TDD**, automated integration tests, etc.

10/2009 – 04/2011   **Overwatch Tactical, LTD / Textron Systems Corp.**   **Austin, TX**

Worked on the core product line as a contractor between Oct. '09 and Mar. '10 and as a Senior Software Engineer between Mar. '10 and Apr. '11

- Worked on an **agile** team using two week iterations, utilized test driven development
- Bridged new and legacy systems using various design patterns including dependency injection, factories, adapters, service locators, etc
- Used Visual Studio 2008 & 2010, Resharper, NUnit, Rhino Mocks, ClearCase and ClearQuest to perform daily responsibilities
- Worked with RDF, WPF, Windows Forms, and a broad range of other Microsoft.NET framework technologies

04/2009 – 10/2009   **Qvinci Software (http://qvinci.com)**   **San Marcos, TX**

Worked as a software developer for a company producing financial analysis and visualization software

- Wrote features and components for the flagship product Qvinci. Utilized **C#**, **WinForms**, and **QuickBooks** XML API (QBXML)
- Started the engineering prototypes for Qvinci's next generation product, Qvinci.web. Utilized **WPF**, **SQL Server 2008**, and ASP.NET **MVC**
- Agile practices: Implemented a **Continuous Integration** process using **CruiseControl.NET** and implemented unit tests in NUnit
- Implemented the installer using **InstallShield** and integrated it with the continuous integration system.

01/2009 – 04/2009   **Diligent Software**   **Liberty Hill, TX**

Owned a software consulting firm located in the Austin Metro area. This business is currently inactive

- Wrote **software** using **Microsoft .NET**, **C#**, and **Microsoft SQL Server 2005**
- Website design http://www.diligentsoftware.com
- Business card design http://www.diligentsoftware.com/buscard.pdf

04/2004 – 04/2009   **Diligent Contractors, Inc.**   **Temecula, CA**

Owner (50%) of a commercial door and glass construction company built from the ground up

- Wrote **software** to manage human resources, payroll, job costing, contract management, billing, and job estimation. Utilized **Visual Studio 2008**, **C# & Microsoft .NET framework**, **SQL Server 2005, T-SQL**, **ASP.NET, Windows Forms**, and **Microsoft Access 2007**.
- **Hired and trained** installation and administrative labor force
- Maintained **financial records** and accounts payable for company
- **Managed** installation crews on contracts ranging from $5,000 to $200,000
- Managed and performed **administrative tasks** such as payroll, insurance, sales tax, inventory, and purchasing
- Estimated job costs and wrote contract proposals
- **Maintained** computer systems in office including Windows 2003 Server and workstations
- Designed brochures, **artwork**, business cards and other marketing material for the company

12/1994 – 04/2004   **Visual Records Consulting, Inc.**   **Temecula, CA**

Primary developer for a small custom software consulting company

- Wrote **premium administration** software for the medical insurance industry
- Ported, maintained, and improved **health risk analysis** software for a health appraisal office of Kaiser Permanente hospital
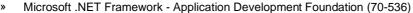
- Wrote **medical records scanning and archival** software for University of California San Diego Genetics

- Designed and implemented Visual Records 1.0 and vrMedCorr 2.0. Version 1 was a **single tier**, **product grade**, **configurable**, **record keeping** application built on top of the Microsoft Visual FoxPro platform. Version 1 was configured for multiple industries and sold to multiple customers. Version 2 focused on the **release of information** tracking niche for hospital record keeping departments. Version 2 was a complete rewrite utilizing the newly released **Microsoft.NET** platform, **C#**, and **three tiers**.

- Worked on a **HIPAA Compliance System** for Kaiser Permanente. Microsoft.NET, Visual FoxPro, DB2, and SQL Server. This system interfaced multiple 1-tier Visual Records v1.0 installations with a central HIPAA compliance system.

- Implemented and maintained a **Linux box** to provide DNS (djbdns), e-mail (qmail & squirrelmail), web server (apache), and firewall and routing services (iptables).

HISTORICAL SKILLS

- Microsoft .NET: Visual Basic.NET, C++.NET, Windows Forms
- Microsoft Access 1.0-2007
- Extensive experience with Microsoft Office VBA and WordML, an XML superset
- QuickBooks XML SDK (QBXML)
- Microsoft Certified Professional
  - » Visual Basic 6 Desktop Applications (70-176)
  - » Microsoft .NET Framework - Application Development Foundation (70-536)
- C, C++, x86 Assembler, Java, and Pascal, Microsoft Visual FoxPro 2.6 – 7.0
- Microsoft Team Foundation, Microsoft Visual SourceSafe, SourceGear Vault, Subversion, and ClearCase

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C E R T I F I E D
Professional

MISCELLANEOUS

- Got started with a hand-me-down Sinclair ZX-81 with Basic while in the third grade
- Upgraded to a PC-XT clone while in the fourth grade. Learned MS-DOS 3.2 & GWBASIC
- Started learning C using Microsoft QuickC while in eighth grade. Also read "Born to Code in C" by Herbert Schildt
- Won second place in the Boston Computer Society programming contest while in the ninth grade
- Also, while in the ninth grade, entered and won honorable mention in the Massachusetts state science fair. The project was titled "The Effect of the Algorithm on Execution Performance"
- Passed the first and second year Advanced Placement Tests for Pascal while in 11th and 12th grade
- Started employment with Visual Records Consulting, Inc. (formerly Lotherington & Parker, Inc.) during the 12th grade