

Sheldon R. Cohen

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SUMMARY:

- Highly proficient in C# (Beta 1.0 to 3.5), .NET, and T-SQL with database analysis and design.
- Results-driven, customer-focused, articulate and analytical Senior Software Engineer who can think “out of the box”.
- Application developer and system architect with emphasis on web based systems and integrating disparate legacy systems to modern SOA architected system.
- Acquired vast experience with enterprise, large scale, mobile and legacy development.
- Designed and engineered Data Warehouse for national wide retailer with disparate systems including two different business units using separate ERP systems; Great Plains/Dynamics and Mas90 on SCO UNIX.
- Extensive experience in designing attractive and compelling user interfaces for a wide range of applications and industries. Planning and implementing business continuity and disaster recovery.
- Highly adaptable in quickly changing technical environments with very strong organizational, problem solving and analytical skills
- Working with Standards such as Health Insurance Portability and Accountability Act (**HIPAA**) and Interoperability in Health Care Systems such as **CCR** (Continuity of Care Record) & **CCD** (Continuity of Care Document).

SOFTWARE SKILLS:

Languages & Databases

- | | |
|-------------------------------|-----------------------------|
| ▪ C# / C++ / C | ▪ Apache |
| ▪ Java / J2ME (JavaME) / J2SE | ▪ Web Services |
| ▪ PHP (LAMP) | ▪ Complex Stored Procedures |
| ▪ CSS, XHTML | ▪ OOP / UML |
| ▪ Soap / XML | ▪ DTS |
| ▪ Visual Basic | ▪ AJAX |
| ▪ SQL / T-SQL | ▪ ASP.NET MVC |
| ▪ IIS Administration | |

Operating Systems

- Windows Server 2003, 2008, Linux; CentOS/RHEL5

Open Source Software, Applications & CRM

- DotNetNuke
- Joomla / Drupal

Software IDEs

- Visual Studio
- Eclipse
- Crystal Reports
- Adobe CS4
- Macromedia Flash
- MS Great Plains/Dynamics
- SharePoint 2003/2007
- MS SQL Server 2000/2005/2008
- MySql
- SalesForce.com

PROFESSIONAL EXPERIENCE:

Current – Private Company - Pompano Beach, FL

Contractor / Software Engineer

Working as contractor for a privately funded startup in the education space. Project details are confidential, but software platform is a high traffic, transactional financial system with some aspects of social networking incorporated.

- Project includes the following technologies: C# 3.5, LINQ, WCF, MVP Pattern, MS SQL 2008, Cruise Control Continuous Build Environment

2008 – 2009 PassportMD – Delray Beach, FL

IT Director/Lead Engineer

Hired as the first technical employee for a privately funded startup, systematically brought control, consistency, security and quality to all development efforts, reduce number of bugs/defects that were being tracked and by using agile principles overall reduce introduction of new defects by implementing a series of incremental steps including shorter release cycles, unit testing, broke away from traditional SLDC process for new projects, instead focusing on not over engineering each new piece of functionality introduced and creating dedicated resources for Q&A, prior to this, all development was outsourced and developer performing their own Q&A with no internal checks.

- Engineering web development and system design, all layers, from database to services to user interfaces.
- Designed and Implemented API used by multiple vendors to upload via web services standardized xml files that populate Personal Health Records for individuals with tracking, auditing and logging using C# 3.5, XSLT, LINQ. Created working API documentation as well for use by vendors with test applications and code snippets to get up and running quickly.
- Created Bi-directional syncing implementing Microsoft HealthVault using native MS .net SDK and using .Net 2.0 Web Services for most of the implementation.
- Implementing software development life cycle policies and procedures.
- Selected by Medicare for 2009 PHR Pilot (amongst only 4 vendors chosen including Google), built SOAP/XML Web Services using .Net 3.5, LINQ and MySQL and very complicated XSD schemas from Health Level 7 and ASTM combined that are known as CCD (Continuity of Care Document).

- As part of our Medicare selection, we had to ensure the security, privacy and physical safeguards and the confidentiality of data. We were able to comply with the scope of the document memorandum Office of Management and Budget (OMB) in OMB Circular No. A-130, Appendix III--Security of Federal Automated Information Systems and conform to Minimum Security Controls for Moderate-Impact Systems described in Appendix D and Appendix F of NIST Special Publication 800-53 in reference to our Medicare Pilot Program in Arizona and Utah.
<http://www.passportmd.com/>

2006 - 2008 DogByte Solutions - Boca Raton, FL

Founder/Consultant

Branched out and worked at a full time capacity working with small to medium companies. Services included strategic consulting, including Business Plan & Sales Strategy Development, Full Life Cycle Software Development, Database and Application, support, Data Gathering & Creating Specification Documentation with Emphasis on Exceptional Project Management.

Projects for clients included:

- An international software vendor, involved with their licensing and private label branding of acquired companies (C#, MS SQL 05/08, SOAP XML Web Services).
- Launching a large scale social community for a funded startup with Series A venture funding from Austin Ventures and private investors created to help people contemplating, going through or recovering from divorce (C#, .Net 2.0, Master Pages, Web Farmed with Scale in mind, Custom Code Smith Templates).
- Built online private community for over 100 non-centralized attorneys to communicate and share files, ideas, thoughts in very secure environment.
- Web based online Loan Management System. Allowed several call centers to manage, track small signature loans to consumers. Automated tracking by reconciling against bi-weekly allotments and tracking late payments, fees and added workflow to the application/refinance process. (C#, MS SQL 05, DotNetNuke as the core framework).
<http://www.dogbytesolutions.com/>

2004 – 2006 Vision Care Holdings – Lake Worth, FL

Lead Engineer

Multi-tasking, multi-hat position for retail chain with 75+ stores, which required equal amounts of technical and managerial expertise. Responsibilities included planning and executing short, mid and long-term projects, getting executive buy in and sign off, measuring and prioritizing user requests, allocating resources, hands-on development, technical writing, and management of personnel.

Management responsibilities included setting project schedules and priorities, overseeing outside vendors and creating project specifications. Major operation included co-locating majority of IT infrastructure from Lake Worth to NOC in Georgia increasing stability, uptime, and scalability and providing high availability of existing systems.

Other responsibilities included; Crystal Reports, developing and maintaining C# applications both fat and thin client, database development, corporate intranet creation and finding innovative ways to share real-time data across multiple platforms and develop data warehousing for medium sized company.

<http://www.eyeglassworld.com>

<http://www.lasikvisioninstitute.com>

2004 Think Technologies Inc - Coral Springs, FL**Programmer / Analyst**

Developing Microsoft data-centric applications and .Net controls. Was known for web-based and feature rich applications. Projects included developing and designing new and existing system written in VB 6.0/COM+, SQL Server and Active Server Pages. Research and development in new .Net projects creating controls for resale and portal based software.

Primary duties include Complicated SQL Queries, DBA type role, system and code re-factoring on existing systems as well as putting forth concepts for new systems to business owner.

<http://www.thinktechnologies.com>

2003 VIA Cell - Boca Raton, FL**Developer / Analyst**

Programmer and system architect for funded mobile startup developing online and mobile banking application. Application was built across several languages and technologies including C# and Java, J2ME (JavaME).

Responsible for creating web services and integration to processors and banking systems allowing a cell phone application to transfer money, wire funds, view transactions and history from an account with customers financial institutions running on SOA architecture with soap/xml messaging. Developed an online management system for card holders use to manage their cards, transfer funds, view history, recorder/purchase new card and update their phone settings.

In addition to the banking platform, other concepts that were developed as working prototypes included: SMS/Data Cell Phone Pizza Ordering System and Mobile Emergency Management System (MEMS) for business continuity <http://www.via-cell.com>

1999 – 2003 DogByte Solutions - Boca Raton, FL**Consultant**

Designed, hosted and maintained web sites and web based catalogs primarily in the Boca Raton area. Much of the work included creating proposals and maintaining client relations. Skills included Flash, ASP 3.0, VB 5/6.0 and various databases including SQL Server and MySQL, worked on several projects for F.A.U including teaching a class at F.A.U. College Reach Out Program (C.R.O.P.) and creating websites for the Volunteer Center and Cultural Affairs Center. <http://www.dogbytesolutions.com>

EDUCATION:**Florida Atlantic University – Boca Raton, FL**

Bachelor of Arts Degree – MIS Major

Quinsigamond Community College - Worcester, MA

Associate of Arts Degree – Business Administration Major

PROFESSIONAL NETWORKING:**The Boca Raton DotNetNuke Meetup Group - Founder and Organizer**

Local .Net User Group founded in 2006 with over 129 members the focus is on module development, skinning and any related topic to having or using DotNetNuke Open Source Portal.

<http://dotnetnuke.meetup.com/44/>