# Michael B. Carey

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## SUMMARY

More than 10 years of software design and development experience leveraging a variety of technologies primarily in web and online related technologies.

## COMPUTER SKILLS

### Languages

- Proficient in: C#, Java, SQL, HTML, CSS, XML
- Familiar with: PHP, JavaScript, jQuery, Bootstrap, C/C++, ASP, VB

### Software

- Database: MS-SQL, PostgreSQL, MySQL, Oracle
- Platforms: Windows, Linux, TFS, Visual Studio, Eclipse, JIRA, Git, .NET, ASP.NET
- Services: SaaS, SOA, SOAP, REST

## EXPERIENCE

### Sr. Quality Assurance SDET - Contract
Nov. 2014 – Nov. 2016

*ESG – LDS Church / Translation Support Team*

- Developed and managed test plans for both manual and automated testing and provided rich reporting.
- Implemented automated test suite using Java, C# and Selenium, tested Web and REST services.
- Lead the migration of our team project management system from JIRA to TFS.
- Mentored Jr. intern in Test Driven Development and the Test Engineering Discipline.

### Sr. Software Engineer
Mar. 2013 – Oct. 2014

*Swipeclock*

- Team lead for SaaS time and attendance web solution.
- Implemented continuous integration solution through TFS. Managed the release and deployment of the various Applications and SQL update scripts.
- Refactored .NET web site project to N-Tier Architecture and implemented project changes to support the development of a SOA Layer.
- Designed, modeled, and tuned various database tables, queries, indices, and schema.
- Designed and implemented table schema and code logic for notification service to replace legacy system.
- Improved developer efficiency by creating trimmed databases from prod 200+ Gig database to 1.2 Gig developer instances.

### Quality Assurance SDET - Contract
Mar. 2011 – Mar. 2013

*Hirepointe – LDS Church / Translation Support Team*

- Developed and managed test plans for both manual and automated testing and provided rich reporting.
- Implemented and completed both manual and automated tests.
- Performed both application and database performance analysis and tuning.
- Updated and maintained scripts used for migration of data from Oracle to MS-SQL.

### Software Architect
Apr. 2007 – Current

*Carey and Associates*

- Professional consulting in the development and implementation of AdverTran.
- Implementation of SOAP / REST services for data replication to mobile and remote clients.
- Development of SQL Databases, tables, stored procedures, indexes, and custom applications.
- Implemented Java client that controlled a media player for onscreen media advertising.

## EDUCATION

### Brigham Young University - Idaho
Jun. 2003 – Current

*Rexburg, Idaho*

- Associates in General Studies – December 2012
- Bachelors in Software Engineering – Current; Online Courses

## TECHNICAL SKILLS SUMMARY

| Years | Skill | Description |
|---|---|---|
| 10+ | Computer Networks | Proficiency in setting up in home and small business networks. Includes Routers, Gateways, and Windows Servers. |
| 10+ | Operating Systems | Install and configuration Windows Server, XP, 2000, 2003, 2008, Win7, Win10, Mac OSX, Linux. |
| 10+ | Development Tools | Visual Studio, SQL Management Studio, Notepad++, Eclipse, Netbeans, Git, TFS, JIRA, Source Tree, Various other tools and resources. |
| 10+ | C# / .NET | Design and development of multitier and custom applications. Various personal projects for continuing education. |
| 10+ | ASP.NET / MVC | Using C# created four different applications three of which have gone through an entire product life cycle from design to finish. |
| 8+ | HTML / JavaScript / CSS / Bootstrap | Use of HTML in the creation of ASP.NET web applications. Utilizing the features and functionality of JavaScript and Cascading Style Sheets for page layout. |
| 8+ | IIS | Setup and configuration of Internet Information Services for application development and deployment for production server environments. |
| 7+ | Databases | Utilized MS-SQL in designing and the development of database data models, stored procedures, triggers, indexes, and normalization for the use in custom applications. Database tuning and performance analysis. Familiarity with PostgreSQL, Oracle, and MySQL. |
| 5+ | Test Engineer / Automation | Developed and maintained tests and test cases. Implemented automation code in C# and Java. Tested web services and UI through Selenium. Collected test results for reporting. |
| 5+ | Web Services / SOAP / REST / SOA | Developed and Implemented REST Service for support of Mobile Platforms. Implemented SOAP service for media player clients in the distribution and advertisement services industry. Assisted in the development of a SOA layer service. |
| 5 | C/C++ | Developed application for importing flat files into MS-SQL database. Developed application for the re-importing of lost store data into labor scheduling software from archives downloaded from an AS400. |
| 4+ | Java | Developed integration tests in JUnit. Designed and implemented a java service application that communicates with a .NET web service. |
| 4+ | XML / XSLT | Working understanding of XML for data storage and transmission. Familiarity with XSL Transforms. |
| 4 | Debugging and Performance | Application Debugging and Code Performance Analysis. |
| 2 | ASP | Wrote and maintained classic ASP for BYU-Idaho website. |
| 1 | VB / VB.NET | Experience using Classic ASP and VB.NET web applications. |
| .5 | PHP | CS313 - College Course in web development and design. |
| .5 | Perl | CS273 - College Course in web development and design. |

## ACCOMPLISHMENTS

- Scrum Master, Certified – Scrum Alliance: 000245393 – March 21, 2013.
- Continuing a self-directed education in leadership and business team development
- Eagle Scout.
- Black Belt in American Taekwondo.
- Extra Class Licensed Amateur Radio Operator (KB7PPB).
  - FCC License to operate Amateur Radio Equipment and Frequencies.
  - Basic Electronics and RF Propagation Theory.
- Small Business Owner / Manager (A-Game Empowerment, Carey and Associates).