

SCOTT JANSSENS

Software Architect

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Scott is a Microsoft Certified Professional Developer with over 25 years of experience. He has worked on and designed at all levels of multi-tier applications. Scott has led teams and groups, successfully delivered projects while mentoring junior developers and ensuring use of best practices. He has wide domain knowledge having worked in diverse industries including finance, healthcare, asset management, legal, insurance, real estate, and games.

Technical Skills

Languages: C#, JavaScript, SQL, VB.Net
Technologies: .NET, Web API, ASP.NET MVC, Entity Framework, UWP, WCF
RDBMS: SQL Server, Oracle
NoSQL: Elasticsearch

Experience

Systems Architect — Ray Allen Inc., Chicago, IL Sept 2017 – Sept 2023

- Designed and implemented core back-end libraries to unify siloed projects into a shared code base.
- Architected microservices for managing assets and licenses and interconnecting messaging bus.
- Designed and led development of RESTful Web APIs for management system for Verizon and upcoming product release.
- Recreated product management and engineering process to maximize efficiency of limited development resources.
- Mentored developers and ensured software development best practices were followed.

Technologies C#, Web API, EF, AWS, NServiceBus, SQL Server, Elasticsearch, GitHub

Lead Software Engineer — CoStar Group, Chicago, IL 2016 –2017

- Designed highly concurrent message processing framework.
- Implemented services to dynamically generate and validate contract schemas using NJsonSchema.

Technologies: C#, ASP.Net, JavaScript, TFS, SQL Server

Lead Software Engineer — Thomson Reuters Elite, Chicago, IL 2014 –2016

- Led development of Outlook 365 Add-In, and proprietary services to provide CRM features.
- Optimized and refactored legacy CRM Suite.
- Created mobile client for CRM Suite utilizing proprietary framework for iOS devices.

Technologies: C#, ASP.Net, JavaScript, Marionette.JS, Babel, TFS, SQL Server

Senior Consultant — Magenic, Lombard, IL

2012 – 2014

Opus Capital

- Implemented time-critical federal reporting requirements in mortgage auditing application.
- Mentored junior developers, teaching IOC pattern and debugging techniques.

Technologies: C#, WebForms, Visual Studio, TFS, SQL Server

Abbott Laboratories

- Added new search features to custom legacy CMS solution.
- Updated CMS solution to new versions of CSLA and updated data access with LINQ.

Technologies: C#, Win Forms, CSLA, LINQ, Visual Studio, TFS, SQL Server, Infragistics

CDP Enterprise Health Solutions

- Sole developer on patient data web portal with support for query, update, and reporting.

Technologies: C#, ASP.NET MVC, Visual Studio, TFS, Oracle

Senior Consultant — Infusion Development, New York, NY

2008 – 2012

New Jersey Manufacturers Insurance Group

- Led development team in creating policy management application for customer service reps.
- Designed architecture for all levels of the application.
- Mentored junior developers and ensured software development best practices were followed.

Technologies: C#, Silverlight, RIA Services, MVVM Light, MEF, Visual Studio, TFS, SQL Server

Citigroup Inc.

- Created framework to isolate many financial plugins in individual processes within a single UI instance.

Technologies: C#, WPF, WCF, Visual Studio, TFS

M&T Bank

- Mentored two interns creating public banking applications for Microsoft's Surface table.

Technologies: C#, Microsoft Surface SDK, Visual Studio

Humana

- Led implementation of presentation layer for application used by traveling sales representatives.
- Created data validation engine that allowed for instant remote updates of business rules.

Technologies: C#, WPF, Prism, WF, Visual Studio, TFS, SQL Server

Jesta I.S. Inc.

- Trained developers in .NET framework and created roadmap for converting existing products to .NET.

Technologies: VB.NET

Pfizer Inc.

- Worked on front and middle tiers of application to consolidate all corporate approval systems.

Technologies: C#, Silverlight, WCF, Visual Studio, TFS

Microsoft Corporation

- Worked on demonstration applications for Microsoft's Surface table for Microsoft business intelligence conferences. (Demonstration video: http://youtu.be/MAbtc_PZOjs)

Technologies: C#, Microsoft Surface SDK, Visual Studio, TFS

Senior Consultant — Magenic, Lombard, IL

2006 – 2008

Stericycle

- Updated mobile application to comply with new UK radioactive transportation laws by implementing new UI, database schema, and stored procedures.

Technologies: C#, Compact Framework, Mobile SQL, XML, Visual Studio, TFS, SQL Server, CSLA

Lions Clubs International

- Audited e-commerce site and drafted recommendations on fixing issues and how to prevent them.
- Repaired existing issues and created test environment.

Technologies: C#, ASP.NET, Commerce Server, SQL Server, Visual Studio, Lawson, Oracle

Grant Thornton, LLP

- Used AJAX to implement web UI providing rich user experience.
- Implemented extensive business logic to comply with accounting laws of various countries.
- Created automated data transformations using stored procedures and WCF to transmit auditing data in proprietary format.

Technologies: C#, ASP.NET, SQL Server, AJAX, WCF

PSAV

- Created financial forecast web application. Coded the web UI and designed business objects and stored procedures.
- Updated order tracking application with new features involving UI, data validation, business logic and database access.
- Designed and implemented architecture for Pocket PC handheld inventory devices.

Technologies: VB.NET, ASP.NET, SQL Server, Compact Framework, XML, Visual Studio

Stericycle

- Designed and implemented mobile application that tracks medical waste transport and product inventory. This included 40+ screens and business objects.
- Designed and implemented customizable report generator using reflection and logical XML files.

Technologies: C#, Compact Framework, Mobile SQL, XML, Visual Studio

Canopy Financial

- Worked on web application for HSA account and fund management utilizing ASP.NET and AJAX.

Technologies: ASP.NET, VB.NET, Visual Studio, .NET 2.0, AJAX

Senior Software Engineer — InStep Software, LLC, Chicago, IL

2004 – 2006

- Designed and developed features for Cingular's customer support tool including network communications and cryptography. Wrote update mechanism to maintain telecommunication network elements. Also wrote client-side GUI using Java and Swing.

- Implemented reporting client for a telecommunication network monitoring system.
- Co-wrote GIS technology evaluation paper for US Army Corps of Engineers.

Technologies: C#, C++, Java, Windows Forms, Visual Studio 6.0/.NET/2005, Swing, Oracle

Senior Software Engineer — RealNetworks, Seattle, WA 2000 – 2004

- Developed core technologies that drove RealGuide, the RollingStone.com web site, and the Rhapsody music store. These included dynamic web layouts, messaging system, and localization library.
- Wrote cross-platform components for the RealOne Enterprise Player, RealPlayer for UNIX, and RealOne Player for Macintosh. These included the embedded web browser player, remote configuration, installer, full screen playback, and custom skinning.

Technologies: C++, Java, Visual Studio 6.0/.NET, Eclipse, J2EE

Lead Software Engineer — SAFLINK Corporation, Redmond, WA 2000

- Led the development efforts creating the Forget Your Password client and Internet biometric verification system. This included architecting and implementing modules for biometric authentication, data encryption, key management, user account management, and localization.

Technologies: C++, Visual Studio, ODBC, SQL Server

Software Design Engineer — Microsoft Corporation, Redmond, WA 1998 – 1999

- Developed several modules for MechWarrior 4 game, including a priority-based 3D sound renderer, physics-based thermodynamics simulations, and the mission editor.

Technologies: C++, x86 Assembly, Visual Studio 6.0

Software Design Engineer — FASA Interactive, Chicago, IL 1996 – 1998

- Wrote multiplayer network library, user interface engine, and the mission editor for MechCommander game.

Technologies: C++, x86 Assembly, Visual Studio 6.0

Software Engineer — Applied Systems, Matteson, IL 1995 – 1996

- Designed and implemented core libraries for all in-house software using Visual FoxPro 3.0.
- Wrote RMA system for tracking returned inventory.

Technologies: Visual FoxPro 3.0

Education & Certifications

B.S. in Computer Science, Governor's State University, University Park, IL 1995
 MCPD Windows Developer 4 (MS certification ID: 5500614)
 MCTS Mobile Applications