SEAN P. CHASE

(602) 430-6338

sean@codepureandsimple.com

SENIOR SOFTWARE ENGINEER / ARCHITECT / WEB DEVELOPER
with comprehensive experience in

• ASP.NET MVC	• JavaScript	• SQL Server	• Node.js
• C# / .NET Framework	• Ionic / Cordova	• T-SQL / MDX	• Electron
• HTML / CSS	• TypeScript	• SQL Analysis Services	• jQuery
• WCF / Web API	• Angular	• Oracle P/L SQL	• Silverlight
• Team Foundation Server	• Telerik / KendoUI	• SQL Integration Services	• Bootstrap

MICROSOFT .NET CERTIFIED SOLUTION DEVELOPER

A knowledgeable, results-driven software engineer with extensive experience creating high performing, scalable, and robust enterprise applications. Skills as an accomplished IT consultant include effective project planning, development, deployment, and documentation. Other achievements include an extensive history of Microsoft .NET and SQL Server certifications, authoring of Microsoft Certified Solution Developer (MCSD) exam preparation books, as well as teaching as a Microsoft Certified Trainer (MCT).

PROFESSIONAL EXPERIENCE / ACCOMPLISHMENTS

Principal Software Engineer　　　　　　　　　　　　　　　　　　　June 2010 – Present

nFocus Solutions　　　　　　　　　　　　　　　　　　　　　　　　　　Phoenix, Arizona

Design and implement an online training management solution for the United States Army. Provide scheduling and reporting functionality for unit leaders to manage collective and individual soldier training as well as readiness assessments for commanders. Architect and construct online analytical processing (OLAP) data warehouses, extract-transform-load (ETL) processes, reporting, dashboards, and other data visualization components for various products. Develop a Protected Critical Infrastructure Information (PCII) system as defined by the United States Department of Homeland Security to provide information sharing between infrastructure owners and the government. Integrate Web services to enable law enforcement to search consolidated data from multiple systems to generate tactical leads. Develop plugin customization components and OLAP solutions for Boys and Girls Clubs of America National Youth Outcomes Initiative's performance monitoring and outcome measurement requirements. Utilize technologies including C#, ASP.NET, MVC, JavaScript, TypeScript, Angular, Ionic, Apache Cordova, Android, iOS, Electron, jQuery, SQL Server, SQLite, PostgreSQL, CouchDB, SharePoint, SSAS, SSIS, MDX, WCF, JSON, Castle Windsor, Autofac, Silverlight, KendoUI, and Telerik Ajax components.

Co-founder　　　　　　　　　　　　　　　　　　　　　　March 2014 – April 2015

My Billboard　　　　　　　　　　　　　　　　　　　　　　　　　　Phoenix, Arizona

Design and development of digital advertising solutions. Implementation of content delivery on the Linux Debian operating system using Node.js, Express.js, and AngularJS JavaScript frameworks with the JetBrains WebStorm IDE. Implement ASP.NET Web API services and Microsoft SQL Server for content management.

Senior Analyst / Integrator　　　　　　　　　　　　　　　　　August 2007 – June 2010

Pinnacle West / APS　　　　　　　　　　　　　　　　　　　　　　Phoenix, Arizona

Upgraded and enhanced Energy Management System (EMS) historical applications from IBM to a Spectrum PowerCC and .NET-based system. Successfully migrated all EMS analog, digital, and AGC data to the new Oracle database schema. Designed, constructed, and customized various ASP.NET applications for energy accounting and power marketing for long-term forecasting and planning of generation resources. Developed Oracle P/L SQL solutions for ASP.NET user interface consumption as well as pre-aggregation of common report information for data warehousing purposes. Architected and developed an Outage Information System (OIS) utilizing C#, jQuery, ASP.NET, SharePoint, SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS).

Senior Software Engineer　　　　　　　　　　　　　　　　　　April 2004 – August 2007

nFocus Solutions　　　　　　　　　　　　　　　　　　　　　　　　Phoenix, Arizona

Developed an automatic scheduling component for the Army's Combined Arms Training Strategy (CATS) system. Architected and developed a Web Services layer to allow external systems to integrate with the training management solution. Designed the core API for TraxSolutions product suite. Utilized technologies including Visual C#, SQL Server, SQL Reporting Services, LLBLGen Pro O/R Mapper, XML, ASP.NET, Web Service Extensions (WSE), AJAX, and IIS.

Senior Software Engineer   February 2004 – April 2004
America West Airlines   Tempe, Arizona
Refactored and developed a reservation booking engine using the .NET Framework and Visual C# programming language. Created logical and physical designs for the americawest.com Web site that integrated with an existing core business framework. Assisted with debugging and other support requirements to maintain current systems. Architected and redesigned ASP.NET applications including the corporate and travel agency Web sites. Produced object-oriented development "best practices" and coding standards for junior developers.

Senior Software Engineer   December 2003 – February 2004
JusticeTrax, Inc.   Mesa, Arizona
Constructed and maintained information management systems designed for crime laboratories in various police departments, the FBI, and Department of Defense using Visual C# and the Microsoft .NET Framework. Architected, developed, and deployed XML Web Services, ASP.NET applications, and Web custom controls. Utilized Visual C++ and Visual Basic to create client-side binary DTHML behaviors. Provided case management systems designed for medical examiners; secure evidence tracking, analysis, and reporting automation solutions to criminal justice professionals.

Senior Analyst / Integrator   September 2000 – December 2003
Pinnacle West / APS   Phoenix, Arizona
Developed Windows and Web-based applications for the Open Access Same-Time Information System (OASIS) Web site hosted by Pinnacle West. Architected and constructed solutions using C#, .NET Framework, ASP.NET, multithreading, .NET Remoting, XML, and SQL Server to fulfill accounting, billing, and reporting needs for transmission operations and planning line of business. Leveraged Rational XDE and Visio to create UML diagrams for application patterns and frameworks. Designed and assembled solutions that delivered functionality for management of energy sales and provided transmission capacity and utilization information for customers purchasing electricity from a primary provider.

Software Engineer   July 2000 – September 2000
Global Enterprise Technology Solutions   Tempe, Arizona
Developed and maintained proprietary hospitality software to provide customer activities ranging from shopping and selling to booking and customizing travel needs online. Used ASP and client-side scripting to provide destination search functionality, price comparisons, and booking on the presentation tier. Developed Visual Basic COM components to store business rules and data access methods, while using SQL Server and Oracle for the back-end databases.

Programmer / Analyst   February 1997 – July 2000
Training Associates, Inc.   Mesa, Arizona
Engineered the edCenter online learning software product designed to create, deliver, and manage online curriculum and training. Utilized software engineering tools such as Visual C++, Visual Basic, Visual InterDev, ASP, MTS, JavaScript, and FrontPage. Constructed content composer tools to create HTML-based courseware, and produce real-time conferencing components based on NetShow technology. Authored Microsoft Certified Solution Developer (MCSD) exam self-paced training kits and Microsoft Official Curriculum courseware. Created instructional video scripts and developed demonstrations that were included as courseware materials, as well as providing narration for video segments.

Software Engineer   November 1995 – February 1997
CADTEL Systems, Inc.   Phoenix, Arizona
Created and maintained database applications utilizing Visual C++, PowerBuilder, SQL, and FoxPro. Designed software products to deliver flexible, cost-effective solutions to the telecommunications industry. Developed solutions that allow companies to track customer information and telephone equipment usage through an AutoCAD front-end, and update database tables based on transaction files provided by an external system. Constructed detailed design specifications for new projects and transformed designs into source code. Integrated new systems and applications into legacy environments.

EDUCATION & TRAINING
Bachelor of Science in Computer Information Systems
DeVry University, Phoenix, AZ

PluralSight Distributed Systems Architecture Training 2005
DevelopMentor Guerrilla .NET Training 2002

Microsoft Certified Solution Developer (MCSD) 2004
Microsoft Certified Application Developer (MCAD) 2004
Microsoft Certified Trainer (MCT) 1997 – 2000