1314 WISSMANN DRIVE

BALLWIN, MO 63011

(314) 791-7460

CSANDER@CHRYSTALANDER.COM

CHRYSTAL J SANDERA long, thin rectangle to divide sections of the document

# SKILLS

C#, ASP.NET (native and CORE 2), MVC, Web API, REST, SQL Server, Oracle, Entity Framework, Agile Development, Continuous Delivery, Jenkins

# EXPERIENCE

## Mastercard, O’Fallon, MO *— Senior Software Engineer*

DEC 2013 - PRESENT

* Hands on involvement in full software development agile lifecycle including architecture, engineering, development, and testing.
* Mentoring and management of on-site and offshore developers.
* Planning, development of continuous integration processes for .NET native and CORE including Jenkins, Chef, Kitchen, Knife, Cloud Foundry, and Azure
* Contributions include research and development, creating innovative processes, teaching, writing, and patent submissions.

## Charter Communications, Des Peres, MO *— Software Developer II*

MAY 2010 - DEC 2013

* Used .NET (C# and VB) for windows and web applications.
* Creation, maintenance, and monitoring of web services utilizing XML, SOAP, and WCF.
* Design, code, and monitor performance for database objects and processes involving SQL Server stored procedures, functions, schemas, jobs, XQuery, XML, and SSIS.

## Software Engineer Consultant / Sharepoint Engineer, St. Louis *— Software Engineer Consultant*

SEPT 2006 - DEC 2009

* *ADVANTAGE CONSULTING*
* Conversion of legacy ASP and ColdFusion applications to ASP.NET utilizing content management systems, .NET, LINQ, and SQL Server.
* Creation of ASP.NET applications utilizing .NET.
* Managing Content Management Systems with .NET
* ESPONDER, LLC --
* Designed and programmed occasionally connected standalone database applications using Microsoft Synchronization Framework with .NET.
* Experience with SharePoint Server utilizing .NET includes: Created customized SharePoint portals, programatically created and manipulated SharePoint custom web parts.
* Created multiple WinForms applications in .NET using the Microsoft Synchronization Framework, SQL Server 2005, and SharePoint to be utilized for portable Shift and kiosk devices, as well as barcode scanners.
* Designed and programmed occasionally connected standalone database applications using Microsoft Synchronization Framework with .NET.   
  *ACUMEN CONSULTING:*
* Converted legacy GWBASIC application to .NET WinForms application utilizing Visual Studio 2005.
* Coded and maintained kiosks operating on a utilizing WinForms in .NET. *ANHEUSER BUSCH:*
* Acquired skills to develop software in accordance with RUP and UML
* Developed application in .NET application that monitored processes then paged and e-mailed appropriate staff according to critical events.

## Mercy Health Systems, St. Louis *— Programmer Analyst*

AUG 2001 - SEPT 2006

* Extensive database design programming experience creating SQL functions and stored procedures for reporting, analysis, electronic data transfer, and data conversion utilizing SQL Server and Oracle.
* Wrote WinForm applications in .NET to be used as a front-end dashboard to access utility applications as well as run embedded local and remote reports utilizing Microsoft Reporting Services.
* .NET experience interacting with Windows API, system processes, and legacy components.
* Data analysis and design of business intelligence reports in SSRS and Business Objects.

EDUCATION

## University of St Louis, St Louis, MO*— Application Development Certification*

NOVEMBER 2002- FEBRUARY 2003

## Vatterott Technical, St Louis, MO*— Application Development Certification*

JUNE 2000- AUGUST 2001

## Webster University, St Louis, MO*— M.A. in Social Sciences*

AUGUST 1995 - MAY 1997

## Southeast Missouri State University, St Louis, MO*- B.S. in Social Sciences*

AUGUST 1991 - MAY 1995

# CERTIFICATIONS

Microsoft Certified Professional Developer