

Maurice R. Ross

Proficient Technical Skills Summary:

Programming / Web Development

- Compiled (C#, Winforms, VB.NET, C, Visual Basic 6.0, WPF, Java)
- Mobile (Native Android, XNA for Windows Phone 7.5, cross platform development using React Native, Apache Cordova and HTML 5/Javascript)
- Client Side Web (HTML 4 and 5, CSS /some LESS, JavaScript, using: JQuery, MS AJAX and Prototype Frameworks)
- Server Side Web (MVC 4, ASP.NET, PHP, Classic ASP)
- Web Services (ASP.NET Web API, WCF, ASMX, RESTful services using PHP)
- Database (SQL Server, MySql Server, DB2, XML, MS Access w/ VBA, Oracle)
- Shell Scripting (PERL, Powershell, PHP, VBScript)

Graphic Design

- Photoshop, Paint Shop Pro

Education:

Microsoft Certification

2013

Technical Specialist - HTML 5 & Javascript

Strayer University - Augusta, GA

2008 - 2011

Bachelor of Science degree: Information Systems – Software Engineering

ECPI University – Greenville, SC

2003 - 2005

Associate in Applied Science degree: Computer Science - Web Application Development

Professional Experience:

Jack Henry & Associates Software Engineer

4/2015 - Present

- Currently developing WCF/ASP.Net WebApi services to support the NetTeller banking application
- Developed new functionality using ASP.Net for Jack Henry's Cash Management product
- Played a significant role in the development of NetTeller's largest feature release in over a decade
- Assisted in development of Multi-factor Authentication service for banking applications
- Provided support for OFX integration with intuit finance applications
- Provided new development, support and documentation for various projects involving Jack Henry's ESI(Electronic Statements) product.

Kujengas, LLC Founder/Software Engineer

8/2006 - Present

- Currently developing a streaming radio service with multiple platform client applications using react.js and react Native
- Developed iOS and Android streaming radio proof of concept application using apache cordova and ASP.NET Webapi
- Developed a WPF trading application to utilize exchange APIs for securities/cryptocurrency trading.
- Developed the winforms proof of concept of an algorithmic trading application to utilize exchange APIs for securities/cryptocurrency trading.
- Implementing various forms of technical analysis indicators such as MACD, EMA, MA to determine trade entry and exit points.
- In 2010 developed flagship web application (www.kujengas.com) that enables non-

developers to build native mobile apps without writing any code.

- Kujengas.com uses a Linux, Apache, PHP and MySQL Server (LAMP) stack to collect data, generate code and compile mobile apps.
- Kujengas.com currently has the ability to generate XML layouts and Java code for Android and compile into a runnable app from start to finish within a matter of minutes.
- Utilized PERL scripting to automate android code compilation and upload compiled binary to a public webserver.
- From 2006 - 2009 developed a web based music community website (www.undergroundblast.com) that allows independent artists to upload and promote music. Registered users can leave feedback as well.(ASP.NET using VB.NET, MS AJAX, CSS and some Flash)
- Undergroundblast.com uses SQL Server 2005 to manage user accounts and MySQL Server to store application data.
- In 2007 developed a C# winforms application to explore the database schema of DB2 databases using an ODBC connection.

Bojangles' (Corporate HQ) Software Engineer

8/2014 – 2/2015

- Currently developing a winforms application and T-SQL stored procedures to manage back office master data (C# Winforms,MS SQL Server 2014)
- As a secondary project, began developing WPF proof of concepts to assist in redefining the company's coding standards.
- Developed T-SQL scripts to support ETL and data warehousing processes (MS SQL Server 2014)
- Developed CLI and winforms applications to configure and administer POS systems (C#)

McKesson (EIS Business Unit) Software Engineer

10/2011 – 8/2014

- Developed clinical modules for the refactor/rewrite of Paragon Webstation for Physicians (MVC 4, ASP.NET WebAPI,HTML 5, various modern JS libraries including JQuery, Kendo UI, require.js, knockout.js, underscore.js, moment.js, qUnit)
- Supported the cross platform Paragon Mobile Clinician application for smartphones (HTML 5, Javascript, Cordova also known as PhoneGap)
- Developed SOAP based web services and custom serialization libraries to add ePrescribing to McKesson's Paragon Suite (WCF using C#, ASP.NET using VB.NET)
- Developed strongly typed custom user controls with no drag and drop editors to add various features to Paragon's WebStation for Physicians (VB.NET)
- Wrote small powershell scripts to identify windows processes based on loaded dll libraries and automate compilation and local installation 50+ project ASP.NET solution.
- Engineered solutions to integrate Paragon with various third party clinical products and services (ASMX Web services using C#,WCF using C#,ASP.NET using VB.NET)
- Troubleshoot and resolve bugs in previous GA releases of Paragon Software(SQL Server, VB.NET, C#, Javascript)

Nesticon: E.M.R. (Electronic Medical Records) Software Developer

6/2010 – 9/2011

- Developed and maintained proprietary code generator used to dynamically generate .aspx pages and C# code files based on SQL Server and XML data.(C# WinForms)
- Developed and demonstrated User Security, Patient Education, Patient Reminder and CCR related modules required for the Federal Government's strenuous "Meaningful Use Certification" process (ASP.NET using C#, HTML, JQuery/Javascript, XML web services)
- Developed HIPAA compliant document management modules used to store additional documents not generated by the Nesticon System.
- Ported older MS AJAX code to use JQuery JavaScript libraries to reduce view state and boost performance (ASP.NET using C# , HTML, JQuery/Javascript, XML web services)

TFE / IMSCO Corporate HQ: Sr. Application Developer

12/2005 – 6/2010

While reporting to the company's Sr. VP (IMSCO Corporate HQ, Augusta, GA):

- Responsible for designing, developing and supporting IMSCO's public website (ASP.NET using C#), employee intranet (ASP.NET using VB.NET), Document Management System(ASP.NET using C#) customer portal (ASP.NET using C#), help desk ticketing system (Classic ASP) and inventory tracking system (ASP.NET using C#).
 - Architected a web-based portal (ASP.NET using C#) that assists IMSCO employees and customers in maintaining sensitive documents required for Department of Transportation and OSHA compliance.
 - Supported the database backend for all Applications using SQL Server 2005 and IBM's DB2
 - Managed Active Directory and deployed network operation solutions for over a year during short staffed periods.
- While working in the field (TFE Logistics/Adidas Warehouse, Spartanburg, SC):***
- Worked directly with the Senior Operations Managers and Project Manager, developing new strategies to better fulfill the service obligations between TFE and Adidas
 - Generated dynamic web reports using Linux, Apache, MySQL Server, PHP (LAMP) and to organize data in a way that would be beneficial to warehouse management
 - Wrote Oracle SQL*Plus queries and PL/SQL stored procedures to interact with data collected by the WMS (Warehouse Management System)
 - Promoted and relocated in 2007 from an Adidas warehouse in SC to the Corporate HQ in Augusta, GA after successfully implementing an in-house developed labor management solution (PHP Service transferring data files over FTP then parsing the data for import into SQL Server using C#)

JHM Hotels - Corporate HQ: ASP.NET Developer

07/2005 - 12/2005

- Generated ASP.NET web-forms and dynamic reports using the VB.NET language and Aspose.Cells.
- Wrote T-SQL queries procedures to keep track of data entered by hotel employees

Bethlehem Baptist Church: Web Design Intern

12/2004 - 6/2005

- Developed ASP.NET web-forms using the VB.NET language
- Created a virtual tour for Bethlehem's Life Center in QuickTime VR format

Big Baby Entertainment: Multimedia Consultant

09/2000 - 12/2004

- Design and maintain company website (HTML/JavaScript w/ some Flash)
- Design all album covers and promotional products (fliers, posters, postcards, and vehicle wraps) (Using Photoshop ,Paint Shop Pro and various 3D rendering applications)
- Engineered all studio recordings (Using Pro-tools and EMU Paris)

Relevant Personal Experience:

Autumn and Rico's Wedding Website (www.autumnandrico.com) Developed 2010-2011

- Developed a content management style web framework allowing my then fiancé, a non-developer, to make changes to our wedding website without needing my intervention (ASP.NET using C#)
- Created guestbook, user polls, event management, page management and photo gallery modules that use custom XML/SOAP Web Services (ASP.NET, Using C#, LINQ to SQL Server, JQuery JavaScript libraries)