

# Eli Osle

## Software Engineer - Camber Inc

DeLand, FL - Email me on Indeed: [indeed.com/r/Eli-Osle/69634ecac6f533aa](https://www.indeed.com/r/Eli-Osle/69634ecac6f533aa)

Willing to relocate: Anywhere

### WORK EXPERIENCE

#### Software Engineer

Camber Inc - August 2010 to Present

Aug 2010- Present - Department of Defense & Government Agencies Subcontractor

Created several Interactive Course Ware (ICW) apps that were engineered to be displayable in all browsers and that provided a cookie cutter way of making changes to speed deliverables. Main achievements is to utilize JavaScript objects to parse out XML configuration files where the data can be edited via a web page application where Instructors can modify text and not require a programmer and thus save time and money. Also generator applications were developed that contained our templates for courseware and would produce 85% of the ICW from ISD's Word documents. Also created a screen capture program that saved countless hours of screen scraping by the ISD's, and built many tools that would generate SVG style games and templates to make the courseware more interesting. Also responsible for an enterprise authoring tool, that enabled web content to be managed and generated based on configuration settings into Unity3D, Flash, HTML & HTML5.

Software Engineer. Designed APIs for controls and many system wide applications ASP.Net C#, MVC 4&5, Flex 4.6, JavaScript, SVG, AS3, Flash, JQuery, Adobe After Effects, C++, Web Services, Rest, SOAP, SQL Server Web Services API, WCF

#### Consultant

- December 2003 to August 2010

#### Software Architect

Humana Health Care - 2009 to 2010

2009-2010 Created WPF and Silverlight Medical applications that included super bill and NLM databases for Medical Questionnaire, Past Medical History and many other forms that presented the user with slick interfaces and fast data retrieval. The main achievements here was to design forms that had data validation, CL& and HIPAA requirements met, and then have customizable presentations for doctors, nurses and patients.

Software Architect. Designed interfaces to define business objects. ASP .Net C#, MS SQL, Silverlight, WPF, Win Socket, Web Services, .Net Remoting

#### Project Lead

Advertising 3D - 2008 to 2008

objects written in 3D studio and rendering them using Direct Show. Provided remote control of the application using asynchronous sockets, and created a front end web application using Flex and C# as the data access layer.

Developed classes in C# to manage socket threads to poll main servers and authenticate their SID sessions and play lists. Designed a database that would allow administrators to add/modify products, prices and store locations based on sales tracker information. . Net Encryption techniques were placed on each store's server to ensure that no hijacking of ad campaigns occurred and that sensitive in-store demographics were safe from piracy. ERP application had the ability to proof an ad campaign by using Unity API to toggle objects on

the presentation stage so ad and campaign manager can preview what a given project would look like and generate project additions/modifications to the appropriate team members for task creation/review.

Project Lead over 3 interns to establish coding standards and best practices. ASP .Net C#, MS SQL, Flash, DirectShow, C++, TCP Sockets, .Net Remoting

## **Project Lead**

Progressive Impressions - 2007 to 2008

2007-2008 - Variable Data Printing firm that needed robust tools for the automation of printing tasks. Much of the headaches overcome were the use of PDFLib to create single, 2-part, 4-part mailer documents that can be printed much faster and proofed by managers in PDF format versus Postscript or EPS. Use of C# reflection to allow departments to customize their data integrity rules on a per project/client basis. This allowed them to query previous projects instead of searching for scripts on Network drives etc. Developed ACE techniques in C# for SQL Server to normalize data provided to us in different formats, to ensure bulk rate acceptance by USPS. CRM application for tracking, budgeting, expensing and tracking projects and their success by means of marketing technologies such as Chi Square.

Project Lead over 3 interns to establish coding standards and best practices. ASP .Net C#, MS SQL, Flash, Page Flex, C++, JQuery, Web Services

- Imp Now - 2007 Built a Music Social Network Community web-based application, which used many custom controls that were used to play videos, customize user's home pages, poll statistics and track user's popularity. Managers and promoters were given admin rights via Active Directory, to manage users in their territories. Developed a Questionnaire application that allowed administrators to create a form that used questions and answers in a required, multiple, Min/Max and dependent manner, also allowed the customization of header/footer and ability to route to a variety of departments to maximize efficiency of handling. C# reflection, encryption and SMTP automation techniques were used.

C#, MS SQL, Flash, ASP .Net, SOAP

- The Northern 2006 - 2007 - Developed an HP-Unix/Mainframe capture application using Reflection's interop assembly. Major obstacle is overcome Reflection's failure to wait without exception, so a custom string wait was written. The automation techniques were developed using an XML interface, C# reflection that ensured that each project's capture could be simulated and automated and if need be changed when menu options from Source providers changed. Used a similar approach when creating parsers in C# that hashed strings into a CSV format to be bulk copied into databases that would use the captured information in a matrix to report financial earnings and portfolio exposures.

C#, MS SQL, XML

Port St. Lucie Community College - 2006 to 2006

Created an application that converted classic ASP to .Net, used automation techniques to scrub data provided in legacy formats, overcame date and bit nuances, also created an OOP modeler that was able to create accurate Classes from ASP classic functions, Created JavaScript libraries that ensured event handling of Text, Select and Text area controls for proper data integrity and customized attributes prior to posting of web pages to improve GUI and user experience.

C#, MS SQL, Classic ASP, MS Access

## **Software Engineer Senior**

Blue Green Resorts - Boca Raton, FL - 2005 to 2006

Built a Resort Reservation System that was unique in its ability to track reservations and cancellations in diverse fashion and to the end users way of working. Also uses caching of information to make fewer trips to burdened AS400. Used Passport to automate certain feeds via host session with the AS400. Many custom controls were developed in VB Net to improve user experience, used Named value collection for administration forms

that bound SQL Parameters via its Data Adapter and then added validation techniques via Control attributes on Page Load function, thus reducing coding in Administration modules by 30 %. Created an application to convert Cold Fusion 5 legacy code to VB Net. Also created an email blaster program that allowed manager to better control email alerts to our valued and prospective customers.

VB Net, Cold Fusion, Oracle, DB2, Reflections

## **Project Lead**

University of Miami - 2003 to 2005

2003- 2005 - EMR Package for University/Cancer research. Many scientific formulas provided in interface, Objects were created to manage treatment and progress of diseases. Advanced reporting features were included in base class to allow ad-hoc reporting and the status of treatment plans using Word interop assemblies. JavaScript libraries were developed to create custom controls that trapped on keydown events to speed data entry and to ensure accuracy, since this is a mission critical application where polling speeds and data accuracy are a must.

Project Lead over 2 staff developers and one designer C++/Assembler, VB Net, MS SQL

University of Miami - 2003 to 2005

Mid Medical Supply Company - useful application that used Window's sockets to provide orders to drivers on the field and allow them to redistribute their route on the fly to include medical emergencies and to reduce trips to warehouse. ActiveX Signature control was developed that captured the client's signature via WM\_MOVE using Point Class in C++, versus capturing the bitmap which was much larger and would cost more to send over VOIP. ASP classic CRM was developed to manage customers, orders and deliveries.

VB Net, Windows CE, Embedded C++, MS SQL

## **Online Catalog, Shopping Cart, Secure Order Forms, Credit Card Processing, Admin Tools**

Netrox LLC - September 1999 to November 2003

Sep 1999- Nov 2003 - Full Web Development Firm & VPN

Created backend data engines for Entertainment, Movie, Electronic Parts, and Hotel Websites and sophisticated DHTML front ends.

- Online Catalog, Shopping Cart, Secure Order Forms, Credit Card Processing, Admin Tools (for cleaning bad data provided by Content Source Providers)
- Delivered architecture that was well received by Management and fellow programmers.
- Developed standards for ease of updating and maintaining code, and developed a Project Tracking tool to analyze and help keep customers satisfied with Web and Applications development and their respective deadlines.
- Engineered a variety Project Management tools and code generators to foment accurate and faster development.

ASP, Cold Fusion, C++, MS SQL, Sybase, VSAM, Oracle

University of Miami - 2003 to 2003

- Major Construction Company needed a report writer application that added intelligence to cost and projected budgets and allowed them to add search parameters and filters to data being requested. It also had an on the fly Bar and Pie chart generator to enhance the look of the reports. VB Net, MS SQL

• Compu-Image 2003 - Toner company needed a complete Net Web based app for orders and track shipments that included technology to save in shipping and packing materials. Also provided bar-coding technology at a fraction of the cost. VB Net, MS SQL

• Forrest River 2003 - Needed a completely new Performa sales system and Model tracker for their product lines and an alerter system to track spares and supplies that were previously wasting money. Uses costing

models to predict manufacturing peaks and lows, and uses ASN to secure materials at better rates in terms of cost and shipping. C#, MS SQL

Akulink Corp - January 1997 to August 1999

Travel Website

Built from scratch a Distributor based Hotel and Airline Consolidated Fare System. Vendors contributed data in an array of formats; so innovative tools were developed as translators from legacy system into ours.

- Development of COM tools to speed up searches and to mimic web data mining.
- Introduction of a radical cancellation policy that was vendor based. Also developed tracking objects to help reduce overbooking and highlight cancellations to a travel conscious public.

C++, Cold Fusion, MS SQL

### **Comprehensive Order, Sales, Shipment and Warehouse Application**

CSI Software - June 1993 to November 1996

Jun 1993 - Nov 1996 - Chain Supply Solutions

Supply Chain Solutions Part of development team that built a Comprehensive Order, Sales, Shipment and Warehouse Application.

- Researched assertions that made the application difficult for end users and along with experts developed try/catch standards.
- Helped train COBOL programmers how to write code in C++.
- Our team was praised constantly for getting assignments done on or before schedule and for writing accurate test scripts

Project Lead over 5 Cobol Programmers and mentor. C++, MS SQL, Micro Focus Cobol, Sybase, Oracle, Ingres & DB2

### **EDUCATION**

#### **Computer Science**

Florida International University - Miami, FL

August 1989 to May 1993

### **ADDITIONAL INFORMATION**

System Architect, Developer, Project Leader or Project Management