

Professional Summary

Senior Software Application Architect & Developer, able to utilize an extensive experience in pragmatic web, cross platform and database application development. Proven ability to adapt to diverse technical environments. Comfortable working at all levels of technical deployment from large teams to individual efforts. A problem solver able to reach across technology platforms to find the best solution. Significant strengths include:

- LAMP Stack Design & Development (Php)
- Object Oriented Programming (OOP)
- Service Orient Architecture (SOA)
- Database Architecture & Development
- Web Services; SOAP, REST
- UI Design & Development
- JavaScript, Ajax, JQuery
- Data Visualization
- Detailed Business Requirements
- User Story & Use Case Development
- Detailed Application Architecture & Design
- Social Network APIs
- Agile Methodologies, SCRUM
- Full Life Cycle Development, SDLC
- Relational & Transaction Databases
- Star Schema Database Design & Development
- Data Warehouse Design & Development
- Business Intelligence(BI) Reporting
- Database Programming PL/SQL or T-SQL
- .NET & ASP.NET Applications

Select Accomplishments

- Designed & built a REST based social network web service including Proxy and Service Classes
- Designed & developed a large scale, Star Schema based Data Warehouse for a electric utility
- Created custom client specific implementations for a top 5 Saas CRM software company
- Designed & developed a campus security notification network to support federal security requirements
- Created & lead the developed of Content Management System (CMS) using the SaaS Model

Technologies

Databases : MySQL, SQL Server, Oracle, DB2, MS Access, T-SQL, PL/SQL

Development: JavaScript, Ajax, JQuery, OOA/OOD, UML, SDLC, Agile / SCRUM, LAMP, .NET, Php, VB.Net, VB6, VBA, C, C++, C#, Perl, Shell Scripting, XML, SOA, SOAP, REST, OpenSocial, oAuth, GIS, SaaS, CRM, ERP, Salesforce.com, SalesLogix

Application Design & Development Experience

2001 to present, actual company names and project dates available

Major Aviation Supply Company - 2011

Developed a web base part information management system user interface (UI). The JavaScript client side application used a number of JavaScript Libraries Specific duties:

- Javascript & JQuery user interface (UI)
- Data visualization pages using JavaScript libraries
- Source code control & merges with GIT
- Page designs
- Detailed program specifications
- Unit & Integration testing with Windows and Linux
- Business requirements & use cases
- Application documentation & training materials
- Designed and built a multi language user interface
- Managed maintenance tickets queues (Mercury)
- Project planning, scheduling & tracking
- JavaScript, Php & PL/SQL performance tuning
- Implemented Backbone.js client side MVC framework

Multinational Energy Management Software & Services Company - 2010 to 2011

Hosted, international smart meter technology and energy management application based on Linux, Apache, Php & Oracle. Highly graphic web 2.0 front end featuring sophisticated data visualizations through Ajax data access. Web service based asynchronous back-end using a wide array of PL/SQL to access the high volume Oracle database. Specific duties:

- Php web services with PL/SQL Oracle access
- Custom reporting facility, including web services
- Javascript & JQuery coding of the user interface (UI)
- Data visualization pages using JavaScript libraries
- Dynamic, server side reporting reformatting services
- Extracted logic algorithms from MS SQL Server Reporting Services (SSRS) XML files
- Source code control & merges with Subversion (SVN)
- Graphical designs
- Detailed program specifications
- Unit & Integration testing with Windows and Linux
- Business requirements & use cases
- Application documentation & training materials
- Designed and built a multi language user interface
- Managed maintenance tickets queues (Jira)
- Project planning, scheduling & tracking
- JavaScript, Php & PL/SQL performance tuning

International Integrated Circuit Manufacturer - 2010

Created significant modifications to an intranet application constructed using their highly customized MVC framework. Extensive use of client side processing, using JavaScript and JQuery, to provide a well performing Ajax interface to an Oracle database through an ADO interface to PL/SQL procedures and views. Specific duties:

- Javascript & JQuery coding of the user interface (UI)
- Modifications to a custom MVC framework
- PL/SQL Oracle objects and packages
- Source code control with Subversion (SVN)
- Detailed program specifications
- Unit & Integration testing with Windows and Linux
- Managed maintenance tickets queues (Jira)
- Project planning, scheduling & tracking
- JavaScript, Php & PL/SQL performance tuning

Medical Staffing Company - 2010

Provided development and support for their 3 instances of the Sage SalesLogix CRM software. Modified and developed ASOP.NET web portal pages using MS SQL Server 2005 for data storage. Data was accessed primarily through an ADO interface using T-SQL stored procedures and views. I managed an SLDC work queue.

New Media & Technology Company – 2009 to 2010

Actively designed an Object Oriented, REST API based Web service using Php and Javascript in a custom MVC framework environment. Designed and wrote the access to Social Network APIs using service classes and a proxy server class targeted. Popular Social Networking sites such as Twitter, Facebook, MySpace and YouTube were involved. This project used an Agile / SCRUM development philosophy in an OOA/OOD environment.

National Clinical Laboratory – 2008 to 2009

Designed and developed a multi-tiered geographically aware sales tracking and management solution centered on the Alignstar GIS and the SalesLogix CRM package. Managed a CRM application and was responsible for planning, data management programs and deployment. Wrote and maintained a LAMP Pathology system which features an Ajax enhanced user interface. Created modifications to existing Php applications to extend their life cycle. Wrote extensive amounts of data validation routines using a blend MS Office tools and Php.

Hedge Fund / Family Office – 2007 to 2008

Designed a fund accounting solution integrating CRM, trading and accounting information in a Fund of Funds / Private Equity environment. Provided systems analysis and development, data analysis of hedge fund manager

performance, fund accounting for a fund of funds and private equity funds, records management system data conversion (Oracle), CRM data conversion (SQL Server).

National Educational Loan Organization – 2006 to 2007

Designed an integrated solution involving Microsoft SharePoint, Salesforce.com and Microsoft Exchange Server using SOAP technologies managed with Agile Methodologies. Responsible for full life-cycle solutions development including database design, construction and installation (SQL Server). Integration of internal systems and Salesforce.com using SOAP technologies. Developed and maintained a variety of .NET applications interfaced with a customer facing SharePoint portal and MS Exchange data structures.

Sports Audio Visual Production Company - 2006

Designed and built an ultrahigh speed .NET graphic processing system for the National Football League (NFL)

National Communications Power Systems Manufacturer -2006

Modified an embedded web application featuring exclusively client-side processing in JavaScript

Customer Relationship Management (CRM) Software Company – 2005 to 2006

Designed and prototyped a labor saving data load facility in this customized LAMP stack SaaS model CRM environment. Provided customer modifications and new development for the Php / MySQL based software. Customized this LAMP stack ASP model CRM system offering included on-line and command line Php scripts. Modified and managed production MySQL databases.

Turbine Engine Remanufacturing Firm - 2005

Designed and lead the development of an engine specific reporting subsystem for a LAMP based CRM application. Made modifications and new development for engine specific LAMP based CRM system using MySQL, interface with an Java / Oracle based ERP package

Boutique Architectural Design Company – 1998 to 2009

Designed and built the company web site and web sites for a number of their home builder clients. Php Web Development and project management for clients of this award winning firm. Managed design project steps with client contact for design issues, sales and problem resolution. Developed the company web site.

Mass Tort Law Firm - 2004

Designed and documented systems, workflows and data analysis for docket management at this international mass tort practice

Venture Capital Partnership – 2001 to 2004

Technical & management consulting, sales force management systems, business development, CRM with Salesforce.com, Exact Software CRM certification program. Created a custom Php / MySQL based Content Management System (CMS) for small advertising agency for their large convention and visitors bureau client.

College Campus Security Network - 2003

Designed a LAMP stack based SaaS model offering to support U.S. Department of Education security reporting under the Cleary Act.

Municipal Convention and Visitors Bureau - 2001

Designed the system architecture then provided project management and development for a Content Management System (CMS). This hosted solution was built in Php & MySQL

Similar employment before 2001