

Kevin Landivar
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SKILLS / EXPERIENCE

- 14 Years of Overall Professional Software Development Lifecycle experience
- 8 Years of OO analysis and design experience (OOA/OOD)
- 8 Years of .NET Development experience (C#/WPF/WinForms/Networking/ADO.NET/ ASP.NET/Visual Studio/SSRS/Web Services)
- 10+ Years of Database/Backend development with (MySQL (Percona), MS SQL Server.
- 6 Years of JavaScript development
- 5 Years of experience in Linux environment (Debian)
- 4 Years of AJAX Development (ASP.NET Ajax Framework, jQuery)
- 4 Years of experience in imaging tools (Photoshop, Illustrator, Premiere Pro)
- 3 Years of experience using Team Foundation Systems (TFS), Enterprise Architect)
- 3 Years of Architecting Software with MVC, .NET
- 2 Years of Cloud Computing (Amazon Web Services)
- 2 Years of development with ReactJS, NodeJS
- Extensive experience working with geographically disperse teams overseas and across the U.S.
- Experience in HTML5, SEO implementation, Google Analytics, Tableau, SharePoint.
- Source Code repositories: GitHub, GitLabs, Beanstalk.
- Extensive experience gathering requirements, prototype development and complete SDLC
- Experience prototyping mobile solutions for IOS (iPhone) and Android type of OS.
- Experience in Python, and MongoDB.
- Working on AWS Solutions Architect Associate Certification
- Passionate about automating processes and AI / ML research.

PROFESSIONAL EXPERIENCE

Acronym – New York

September 2015 – Present

Database Administrator (Contract)

- Lead DB Admin/Engineer and backend architect for all regions / clients.
- Designed and built backend schemas and architectures to support content for new/old products.
- Designed and built data anomalies alert systems using Linux bash shell scripting in conjunction with MySQL.
- Integrated non sql data specific type of anomalies alerts into our main alert system.
- Troubleshoot and resolution of issues related to data transfer, quality, and performance.
- Provided guidance on technology changes and upgrades to prepare for changes in products and customer's needs.
- Development of SQL tools to update, change, and remove data across servers / databases for super admin type of users.
- Automation of custom reports built on top of our existing infrastructure.
- Worked heavily on use of S3 buckets for data transfers.
- Principal on deployment of production releases using CI/CD
- Conducted regular code review sessions for team
- Setup and installation of new client's online environments.
- Support for UI/UX styling on new fron-end products developed in React/CSS/Javascript/PHP

Bio Products Inc. – West Palm Beach, FL

November 2015 – March 2021

Lead Architect / Software Designer (Contract)

- Designed companywide Quote System to upgrade existing process in the business. Existing process relied heavily in manual processes using excel worksheets.
- New system developed as a WPF desktop application using C# and MySQL as data storage.
- Designed and built database structure/schemas for support of the desktop application.

- Implemented open source controls to support existing features in their Excel processes.
- Built dynamic Word/Excel reports based on data filters in the GUI.
- Automation of imports for bulk quote requests. Assimilates excel data files to create quotes for customers which decreased user input time by 90% and minimize user input errors.

Akkadian Labs / Fidelus - New York, NY
Software Architect (FTE)

October 2014 - September 2015

- Designed and built web solution to monitor / determine live issues occurring in tracking log systems across multiple clients / international locations. Technologies include AngularJS, jQuery, Mongo DB, html5, Rest API, C#
- Implemented new functionality for peer to peer communication system. (similar to Cisco Jabber, Skype)
- Working in tandem with team of developers in South America to implement a system that will process 1500 records per second and be able to evaluate millions of pieces of data for end user reporting.
- Reengineering WPF application (Akkadian Console Operator aCO) which tracks and manage all incoming calls and can detect status of users in real time. Full revamp of GUI for easiness of use of the tool of any pc or portable device.

MindShare - New York, NY
Senior Lead Architect (FTE)

December 2011 - October 2014

- Designed, built and distributed a desktop app to manage data populated from weekly imports. Application built using WPF, C#, EF4 and MS SQL Server
- Designed and developed a complete system to extract data from Google DFA. System combines extraction from a sftp location using a C# console app that I designed and built. SSIS package that uses variables that are SQL table driven and capable of dealing with multiple clients with custom settings.
- Developed API connectors using C# to extract data from external vendors. Managed massive amount of data by streaming and bulk insert records.
- Architected, designed and built the next generation of the DRAW system (Data Repository and Analytics Warehouse), codename Genesis. The new system is built from the ground up and addresses scalability and easiness of implementation and deployment for an unlimited number of clients. The system relies heavily on parameter driven model for connectivity and package enabled/disabled set up with a front-end build in WPF and C# as the development language.

Time Warner Corp. – New York, NY
Senior Software Developer (Contract)

September 2011 – November 2011

- Worked in designing controls for the internal corporate MS SharePoint site. Controls were created using C# as the backend code, JavaScript, jQuery and CSS for styling. Implementation of Infragistics controls for some of the development.

Harper Collins Publishers – New York, NY
Senior Software Engineer (Contract – eDynamic)

August 2010 – August 2011

- Built custom controls using VS 2008 and 2010 using C# for development. Most controls are customizable by parameters supplied from database.
- Implemented traffic analytics into all Harper Collins sites by using Google Analytics. Included a mixture of JavaScript, C# and js includes provided by Google. Google API access implemented to provide custom analytics data extraction in an SSIS package that I created using C# and SQL Server for storage and configuration files for easy modifications. Job produces top 10 lists for authors, books, most visited, most emailed.

JVI Solutions, LLC – Lake Mary, FL

Feb 2009 – July 2010

Software Architect (FTE)

- Architected, designed and created a CMS to CMS interface system to handle data transfers between third party systems using C#, Web Services, ashx handlers, SQL Server, Visual Studio 2008, T-SQL, Perforce, Bugzilla, jQuery and AjaxControlToolkit.
- Created a complete online ordering system that allows customers to place orders for property appraisal service requests. The system includes an automatic encrypted email confirmation for secure payment of services using C# and ASP.net, jQuery, Credit card authorization (Authorize.net), Microsoft Dynamics GP, SQL Server, T-SQL, AJAX, XML, XSLT, and Agile Software Development methodologies.

Wyndham Vacation Ownership – Orlando, FL Technical Architect Lead Designer (contractor)

Sep 2008 – Dec 2008

- Directed integration of dba's plans for data structure, procedures, and accessibility into the core system. Instituted standards and guidelines for the development team to organize the phases of the system.
- Orchestrated development, integration, testing and deployment of the system. Primary obligation was to be the liaison between DBAs, software developers (Offshore team - India team and local Orlando team), graphic designers, server administrators, testers and management.

Space Gateway Support – Kennedy Space Center, FL Senior Software Engineer (FTE)

Nov 2003 – Aug 2008

- Lead developer for the Self-Service Management Tool (SSMT). Web application designed to provide a single easy-to-use employee information locator tool. System evolved into a portal hosting smaller projects that feed off the data the main application provides. Applications coded in 1.1. .NET Framework and eventually upgraded to 2.0 and 3.5 framework. Technology included C#, ASP.NET, Windows Forms, SQL Server 2005, XML, XSLT, Ajax, Integrated Windows Authentication (IWA), LDAP queries to extract information from x500 servers in space centers around the world.
- Collaborated in the Weather Watching Alert WPF program as technical lead. Application created for the Air Force to provide weather alerts directly into the employee's computer. The alerts are communicated in real time similar to the MSN news alert. The application is a windows desktop application created in C# using the 1.1 framework with a SQL Server as the database, Windows Forms, SourceSafe, NUnit.
- Designed and developed a Range Safety program for NASA to gather employee's location during launch and landing periods. The conceptual design was created with Visio 2000 and coded in ASP.net using C#, IWA, ASP.Net, Ajax, SQL Server 2005, .

American Express Corp. – Miramar, FL Lead Software Developer - FTE

Apr 1998 – Oct 2003

- Developed and maintained integration applications created for the International Ops. MIS Dept. Converted traditional web applications (html, asp) to the ASP.Net web environment. Lead designer for project involving team of dba, business analysts, and developers. Provided time management in order to meet expected deadline.
- Created components for the integration into existing web applications to complete a centralize control of operations. Using Visual Basic and deployed as dll's. Automated batch processes and Ad Hoc reports for web applications that enabled an Excel, Word or PDF output format for the report creator.
- Intl. Ops. Project Review (IOPR) Capacity: **Lead Web developer / Analyst**. IOPR is a web application created in ASP using JavaScript and VBScript. This application keeps track of projects and deliveries for managers with visual indicators (green, yellow and red lights). The indicators update project status automatically according to the time frame for tasks to be delivery or deadline met. Led the migration of the web site to the .Net environment. New components were created in C# and code was compiled into classes to maintain compatibility.

AWARDS

Award Title: SSMT Range Safety Enhancement

Details: Kevin Landivar provided excellent direction and technical expertise in rapidly designing, documenting, and implementing an enhancement to the Self Service Management Tool (SSMT) to improve Range Safety. Existing data collection functionality was enhanced and new "Launch Assignment" forms were added to gather data for use in Risk Modeling. The critical data is utilized in the models to evaluate personnel safety and allowable launch conditions.

The software enhancements are utilized by NASA customers, KSC contractors as well as Air Force Range Safety at PAFB. Kevin completed the implementation of the enhancement in less than two months in order to perform a trial run prior to STS-114.

EDUCATION

University of Miami, Coral Gables, FL

Master of Science in Management of Technology - May 2007

University of Miami, Coral Gables, FL

Bachelor of Computer Information Systems - December 1998

LANGUAGES

Speak, read and write Spanish fluently.