

Jeremy Conger

Career Summary

- Experienced web application Architect/Lead Developer
 - Experienced delivering Enterprise level web application solutions
 - Adept at leveraging technology to provide a high level of accuracy and efficiency
 - Served as a lead to other programmers on development teams to provide a clear vision of their individual responsibilities
 - Consistently delivers solutions on time, without delay, in a lead developer capacity
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Skills

- Languages: C#, JavaScript, Typescript, HTML5, CSS3, SASS, VB.net,
 - Frameworks: AngularJS, ASP.Net, Node.js, ASP.Net MVC, React, Redux, Webpack, JQuery, Leaflet, Gulp, Grunt, Knockout.js, NHibernate, Entity Framework, Express, Mongoose, Silverlight, Unity
 - Databases: SQL Server, Oracle, DB2, MongoDB, MySQL
 - Version Control: Git, Subversion, Mercurial, Team Foundation Version Control
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Professional Experience

ALLTECH CONSULTING (2010 – PRESENT)

SENIOR APPLICATIONS ARCHITECT

Enterprise Lifecycle Platform

- Lead developer for Alltech's proprietary software, **ELP (Enterprise Lifecycle Platform)**. ELP is a business process management suite that promotes rapid application solutions resulting in lower cost to develop, enhance, extend, and support every business need from typical CRM solutions to multi-office, enterprise applications.

Client: Florida Department of Transportation

- **FDOT's One-Stop Permitting (OSP) (Implemented August 2017)** – One-Stop Permitting is a central permitting system for permits and agreements for the FDOT Office of Maintenance and the Office of Right of Way. OSP allows users to apply for 13 permit types, assign reviews for the permits, and provide email notifications to maintain communication between the applicant and FDOT throughout the permit's lifecycle. OSP also contains dashboards specific to each user's roles and permissions, advanced permit search capabilities, and reports to provide permit by count, status, revenue, and time processing.
- **FDOT's Contract Funds Management (CFM) (Implemented May 2015)** – The CFM application establishes uniform internal controls to ensure all commitments of funds by FDOT receive prior approval by the FDOT Comptroller and are properly established and maintained in the accounting systems. Over 800 users rely on this critical application to create over 20,000 encumbrances for over \$6 billion dollars every year. CFM is an ASP.NET MVC application that utilizes the AngularJS framework for a rich and intuitive UI experience and NHibernate to simplify data access.

- **FDOT's Local Funds Agreement (LFA)** (Implemented June 2015) – The LFA application interfaces with the Accounts Receivable Invoicing (ARI) System and the Financial Management (FM) System, housing project and financial information for each Locally Funded Agreement entered in by the Department. LFA is an ASP.NET MVC application that utilizes the AngularJS framework for a rich and intuitive UI experience and NHibernate to simplify data access.
- **FDOT's Permit Application System (PAS) Enhancements** – (Implements June, 2014) (Architect/Developer) Providing architect and lead developer skills for the addition of several new features to the existing PAS application. These enhancements include adding Active Directory security, improvements in GIS functions, and added reporting, which will ultimately improve business operations
- **FDOT's Approved Product List (APL)** – (Implemented March 2014) (Developer) Acted as developer and architect for the development of a new Approved Product List. The resulting application combined two existing applications while providing some new features to support business operations
- **FDOT Enterprise GIS Framework** (Lead Developer)
The framework is designed to be highly configurable and extensible and also includes a JavaScript API for embedding in business websites. Worked as a lead developer on the initial development and then subsequent enhancements.
- **FDOT's One-Stop Permitting (OSP)** (Architect/Developer)-
In phase II of One-Stop Permitting acted as the architect of the project during the design phase. During the design phase helped with database design and was the primary developer of the UI Mockups. Then worked as a developer during the later stages of the construction phase.

Client: City of Tallahassee

- **Underground Utilities (e+ Mobile)** (Architect/Lead Developer)
Architect and Lead Developer for the development of a mobile application that functions on Windows, Android, and iPhone devices allowing customers to perform several functions such as account management, bill pay, and utility outage reporting. Geo-location was included for outage location reporting as well as camera features for visual representation of outages.

Client: Department of Health

- **Medical Quality Assurance (Initial Online Application)** (Architect/Lead Developer)
A web application to allow medical practitioners to fill out the application to be initially licensed in their profession. Worked on enhancing the application the .Net 2.0 application to bring more professions the ability to be licensed online.

FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION (7/06 TO 10/08)
System Programming Consultant, Division of Technology

- **Tier-N Project** - A web application to allow users to respond to requests in the Siebel Customer Relation Management software without having the client on their workstation. Developed the application in .Net 3.5 to interface with the existing Siebel system.
- **Employee Time Tracker Project** - A web application to track employees' time on projects that they are assigned to. Customized and implemented an open-source .Net 3.5 application to meet the needs of the department.

- **FTP Monitor** – Developed a .Net 2.0 service to monitor and alert users if a FTP site is currently unreachable.

FLORIDA DEPARTMENT OF TRANSPORTATION (7/06 TO 10/08)

System Project Analyst, Office of Information Systems

- **One-Stop Permitting (OSP)**- Acted as architect of phase I of One-Stop Permitting. During this phase, I implemented the base architecture for One-Stop Permitting and assigned other developers coding tasks.
- **Crash Locator System Project** - A .Net 1.1 GIS Web Application with Oracle spatial database backend to allow users to locate car crashes on a map from text descriptions. Designed and implemented the application to allow an office of 30 employees to use the application for the location of car crashes.
- **Bridge Management System Clearance Issues Project** - A .Net 1.1 GIS Web Application with Oracle database backend written in VB.Net to track the status of bridges on the strategic highway network. Developed and implemented the system with an ArcIMS backend and ISC's MapDotNet API.
- **Internet Subscriber Account Project** - A system for internet users to access multiple enterprise applications with one user-id. Developed in .Net 2.0 an API for developers to implement the functionality into applications. Also developed .Net 2.0 batch programs for the maintenance of the system. Developed and implemented a web portal for users to sign up for the system and maintain accounts. Created a login control for use throughout the department's applications.
- **Professional Services Pre-qualification Project** - A .Net 2.0 web application to allow firms to apply to be pre-qualified to bid on professional service contracts. Lead developer on the project, gave programming assignments to three other programmers working on the project.
- **Enterprise Library Project** - A .Net 2.0 framework built from scratch for all .Net applications in the department to use. Developed portions of the library's code base. Helped create coding standards that would have to be met by all projects going to production. Served as a mentor to junior developers to ensure they learned the department coding standards.
- **Transportation Vendor Information Enterprise API** - A .Net 2.0 API to allow developers across the department to implement access to the Transportation Vendor Information business information in their own applications. Gathered user requirements for the API and designed and developed the project on time.
- **Code Reviews** - Performed code reviews on projects before they would go to production. Ensured that the projects met department coding and security standards.
- **Rail Highway Crossing Inventory Project**- A .Net 1.1 project to manage the rail highway crossing in the state of Florida. Brought on to the project to fix defects in the program after the contractor initially writing the program was let go. Implemented fixes in a short time period to meet a federally mandated timeline.
- **Facilities Inventory Project** - A .Net 2.0 web application for FEMA to view which of the department's facilities were impacted by emergencies. Put on the project as a developer to help bring the project back on schedule after falling far behind schedule. Implemented the application by the deadline that was originally set by the department.
- **Enterprise Information Portal Enhancement Project** - An ASP Web Application with Oracle and DB2 database back ends that aggregates information about the enterprise from all business offices. Developed and implemented a new feature to allow users to search, browse, and view documents from the department's enterprise document management system in a time critical situation.

- **Employee Survey Project**- A .Net 3.5 web application for the department to administer an annual survey to all employees of the department. Met with users as the project analyst to document the requirements and design for the project. Developed portions of the web application including customizing open source Ajax controls for the website.
- **Transportation Vendor Information Enhancement Project** - An ASP web application with DB2 database backend for tracking all vendors for the Department of Transportation. Developed and implemented new features to interface with outside systems. Reworked the user interface to increase the usability and increase search options.
- **Video Log Internet Conversion Project** - An ASP web application that allows users to see video of the states' roads located at <http://www3.dot.state.fl.us/videolog/>. Converted it from an intranet application to run on the internet and consume less bandwidth.
- **Contractor Pre-qualification Project** - A .Net 2.0 Project to allow contractors to apply to become pre-qualified to bid on contracts with the department from the web. Developed .Net 2.0 batch programs to inform customers of upcoming events based on the status of their current application.

EDUCATION

FLORIDA STATE UNIVERSITY

- Awarded Bachelors of Science in May 2006
- Major: Management Information Systems

CERTIFICATIONS

