Chet Zema

St Cloud, FL, USA
chet@chetos.net
http://chet.us
https://github.com/czema

Technical Skills

Likes: asp.net angularjs c# javascript asp.net-mvc

Experience

Jan 2020 → Current **Software Architect** – Government Software Assurance Corp
angular, c#, .net, asp.net-core, sql-server

Jan 2015 → Dec 2019 **Senior Software Developer** – Government Software Assurance Corp
angularjs, c#, sql-server, javascript, asp.net-core, .net

Design software for county property appraisers.

Oct 2009 → Jan 2015 **Software Developer** – Clear Village, Inc.
asp.net, angularjs, javascript, web-services

I was involved in the design and development of every product offered by the company. Development of enterprise grade software for city and county governments. Specifically targeting building and planning departments. Wrote web services to provide data to iPad based mobile inspection devices. Designed and developed comprehensive workflow system. Created data-driven web sites for county property appraisers. Interfaced with ArcGIS services to deliver interactive maps.

Nov 2005 → Oct 2009 **Software Developer** – Manatron, Inc.
asp.net, javascript, delphi

Developed and managed a dozen web sites for county property appraisers, including the largest counties in the US. Advanced property data search and display and GIS map interaction. Data conversion and analysis for large property appraiser databases (several hundred tables). Wrote the corporate intranet/extranet website which handled project management. Authored state-required reports using Crystal Reports.

Education

2000 → 2004 **B.A. General Ministry, specialization in Humanities.** – Johnson University, Florida
asp-classic, javascript

Worked in the Information Technology department and built several web-based applications to help students apply for classes online.

Projects & Interests

Mar 2014 → Current **Stack Overflow** – https://stackoverflow.com/users/3469201/chet
Written 72 answers. Active in angularjs.

Oct 2015 → Current **nhibernate-core** – https://github.com/czema/nhibernate-core
c#

NHibernate Object Relational Mapper

Identified and fixed a problem saving child sessions.

Apps & Software

Highlands County Property Appraiser – http://www.hcpao.org/
asp.net-mvc, javascript, arcgis, twitter-bootstrap

Web site for Highlands County Florida Property Appraiser

Mobile friendly website design for Highlands County Florida Property Appraiser. Uses ASP.net MVC framework and integrates with a MSSQL database. Uses a weekly data load to keep website system separate from live property data. Also integrates with ArcGIS services to provide highly interactive map interface for viewing and searching.

Polk County Property Appraiser – http://www.polkpa.org/
asp.net, javascript, arcgis, sql-server

Online website for the Polk County Florida Property Appraiser.

I developed this website several years ago and it is still being used largely unchanged. It pulls a subset of property data from the main real estate database every night and allows users to search and view all property records. Also includes integration with ArcGIS to allow viewing and searching a county map.

Indian River Building Department – http://indianriver.clearvillageinc.com/
asp.net, javascript, sql-server

Provides ability to apply for permits online, check permit status, and request building inspections. Also supports contractor license registration and renewal. Allows building department staff to review permit application and route the application through the various offices that must provide regulatory approval.

Primary architect and developer of citizen-facing website. Designed and developed a workflow system to handle staff back-office processes.

Others

Background – Background

On a personal note, my main hobbies are electronics, robotics, and reading. I am working on an autonomous lawnmower.

Readings

Probabilistic Robotics (Intelligent Robotics and Autonomous Agents series) – Sebastian Thrun, Wolfram Burgard, Dieter Fox – http://www.amazon.com/Probabilistic-Robotics-Intelligent-Autonomous-Agents/dp/0262201623

Patterns of Enterprise Application Architecture – Martin Fowler – http://www.amazon.com/Patterns-Enterprise-Application-Architecture-Martin/dp/0321127420

Algorithms (4th Edition) – Robert Sedgewick, Kevin Wayne – http://www.amazon.com/Algorithms-4th-Edition-Robert-Sedgewick/dp/032157351X

About Face – Alan Cooper – https://www.amazon.com/About-Face-Essentials-Interaction-Design/dp/0470084111

Tools

First Computer: Amstrad PCW 8256
Favorite Editor: Visual Studio, or QBasic 4.5