Matthew Meents (MattMeents@gmail.com)

Areas of Expertise

SQL Architect, UI-UX, Applications, Servers, Algos, SQL, C#, JavaScript, Node.js, JQuery, ASP.NET, Bootstrap, SignalR, SEO, HTML5, SQL Stored Procedures, Triggers, Functions, SSIS, SSRS, CSS, ASP, VBScript, Web App Design, Web API, XML, CVS, WSH & Task Scripting, Tray Apps, Windows Installation, IIS MNGT/Configuration, Exchange Web Services, Appointments, Email, MAPI, PST folders, SMTP, MIME, SFTP, Excel, Word, Visio, Borland Delphi 7, COM, Crystal Reports, Rave Reports, Quick Reports, Cryptography, SHA, AES, RSA, HMAC, GitHub (mmeents)

Professional Experience

Zenalytics, LLC.
Data Scientist/Lead .NET Developer   1/2019-Current

- Produced custom MS SQL database, united large ad server log files, built key queries to extract and export for use in additional analytical software.
- Provide technical services to support the ongoing custom research initiatives.
- Completed contracted to do email outlook PST consolidation project. The client needed help consolidating hundreds of PST files with hundreds of Gigabytes worth of email. The project utilized the PST.NET library to read and extract messages and attachments from all folders within each PST file. The process transfers them to text files in a folder structure so the emails could be searched and accessed without outlook.

Blue Sky MLS, LLC.   5/2015-9/2018
Software Development Lead

Charged with leading development operations by implementing both new software development efforts along with monitoring, maintenance dan executing existing information systems.

- Managing a team of 4 seats of direct reports, screening candidates, and making hiring decisions.
- Produced a first version of www.masterlinkpro.com to provide online ordering capabilities. The website utilizes C#, ASP.NET 4.7.2 & SignalR along with Bootstrap on the front end, Excel, SQL Server database on the back end. Allows clients to log in and see where their securities are registered and to request additions and terminations by state.
- Produced data feed import and monitoring operations. Internal C# ASP.NET intranet app that managed a pack of worker C# win forms apps via SignalR and SQL to automate throughput and monitoring of the SFTP server. Included reoccurring tasks to remotely download from remote SFTP locations via "Tamir.SharpSsh". The different feeds were picked up and imported into respective sales feed databases. Content types were XML, CSV, Excel, and Access. Info was imported and converted to a MS SQL database.
- Produced Sales Calculator system, a C# ASP.NET 4.7.0 intranet app along with its pack of worker apps C# Win form apps communicating via SignalR and SQL Databases. Funds sales are combined to figure sales totals by state across a specific time.
- Extended and troubleshoot the in-house permit tracking production system. The system was a C# WPF application with SQL Server database that ran a Cristal Reports print job.
- Produced numerous apps that make Excel reports via c# and SQL for billing and permit production activities.
- Built out In house Electronic Filing System. C# MVC ASP.Net web application used a facade adapter piece by-state that consumed Blue Express API document submission system and addendum response protocols. Communicated via custom asp request-response protocol that passes XML documents to the state registration system for Initial, renewal, and termination processing.
- Built C# Win form tray application as a schedulable task launching an application.
- Built multiple email notification systems that sent notifications via Exchange Web API as well as Google's email delivery systems.
- Installed configured local TFS instance for the group, configured user access, and transferred content from the Cloud-based service to the local service where we used it for about two years before moving on to GitHub.
- Maintained Microsoft Small Business Server instance as well as Exchange Email instance for the duration.

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Professional Experience

ALM Media	1/2002–3/2015
Incisive Media (Acquired by ALM)	6/2008–12/2009
American Lawyer Media (Acquired by Incisive Media)	1/2004–5/2008
Real Legal and Law.com (Acquired by American Lawyer Media)	1/2002–1/2004

Senior Developer

Primary developer responsible for full-stack development within MA3000 group across 4 subsidiary names

- Managing Attorney 3000 (MA3000 R5, R4 & R3) is a legal case documenting & calendaring application with integrated data services and rules-based scheduling. The app, a large array of components utilizing delphi7 front end and C# middle tiers and a MS SQL database that ships. The app allows large law firms to scan upcoming dates in NYLJ.
- The app features Developer Express Grids and advanced type-search lookups. Lookup types like jurisdiction, address, and name representing complex dynamic database entries that filter down as you type on multiple columns.
- Developed and maintained the Apps client-side MS SQL database. Migrated and enhanced the DB design from a Paradox database to an MS SQL database.
- Produced the first core Import app that would migrate the previous Paradox database into the new MS SQL database.
- Produced additional import utilities to manage database conversions, set up for new clients, and tools to inspect and configure the Apps client database.
- Coded the MA3000's Court Calendar Rules-based calculator via utilizing 3rd Party vendor CalendarRules.com, API using C# via a COM component. The component was an add-on feature that consumed WCF Service that automated the creation of calendar items based on venue and other input factors.
- Produced 18 Custom Report plug-ins for the MA3000 app.   Reports are Delphi 7 COM objects, Quick Reports pieces along with a dynamic listing of available reports from within the app. Filtering technology was all integrated into the database to save report configuration by the user. The initial design was farmed out to the team in Lithuania. I was able to utilize the work they provided and tied it in and extended it.
- Coded and produced the Calendar Integration Module. (CIM) A C# assembly allowing users of MA3000 to synchronize outlook calendar appointments from the database into their exchange outlook calendar folders. The first draft was written to utilize WebDAV. Later version utilizes Exchange Web Service or WebDAV depending upon which email server software the client was using.
- Produced MA3000.COM E-Commerce website built using HTML, CSS, VBScript, JavaScript, and Microsoft SQL Server. (in 2002, reworked in 2012)   The site allowed users to maintain a list of court cases in New York Supreme Courts and receive custom email alerts for a daily fee by case. The website mainly reports information from OCA Feed. Has links to integrate with Judges Rules site. (OCA is short for Office of Court Administration) The site evolved to a site that lists the details for cases from data within the feed. Click for Example.
- Developed and Deployed the MA3000 Web Calendar, a C# .Net 3.5 websites & install that allowed MA3000 Users to view calendars by case/user via their local intranet browser. The project showcases ComponentArt controls and grids. The product utilizes AJAX for both type-search and specific date details. Later versions utilize CIM to schedule appointments within the user's Outlook calendar.
- Developed and maintained the Judge Profiles site with recent case decisions and judge rules. Integrates with MA3000.COM, MA3000 & WebCalendar. The site originally deployed an HTML scrape process along with ASP VBScript Client facing website and internal maintenance sites. The site manages to correlate judge part rules to profiles to recent decisions. The website was later reworked and rebuilt to utilize the C# ASP.NET website utilizing both MS SQL as well as MarkLogic databases.
- Responsible for the operation of the Office of Court Administration data feed. A 4-times a day task manager starts JavaScript scripts to download and apply updates to the OCA database to reflect all changes occurring in the OCA database for the day. Feeds utilize SFTP for file transfer & DTS for mass input. Migrated original design from PL-SQL design to an MS-SQL.   That info is used in a few ways. The data forms a basis for the Case-specific web pages as well as a feed to provide the NY Law Journal newspaper with future court appointment data. We also send matches found against cases our clients are looking for via email Alerts based on the feed data & via SOAP within the NYLJ Search Web services via the MA3000 application.

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KENEXA   1997-2001
Talent Point (Acquired by Kenexa)   1999-2000
Paragon (Acquired by Talent Point)   1997-1999
Lead Developer, Software Development/Lead

- Produced the Selector website using VBScript, JavaScript, HTML, CSS, and MS SQL. Responsible for the development of the site as the leader of a team of 2 developers, advanced it through a rigorous QA process, produced the graphical layout, and transitioning existing clients to the new system.
- Developed the Selector Distribution System (SDS). A Delphi, Paradox, and Wise setup that automated the production of Talent Points PC-based Selector Installs. At the time we shipped via 3.5 in floppies. The system would format, copy install and verify floppy disk sets.
- Selector, A Delphi 1 application using Paradox Database, is an Employee selection software designed to qualify front-line employees. It could be paired with over 20 different questionnaires across 11 different industries and 2 languages.
- Portrait - A 360-degree feedback evaluation report. Migration project ported from Visual Basic to Delphi maintaining an 8-page report. Later redesigned this into a 20-24 page report for managers and sales professionals.
- People Quest and Touch Score - Mainly the Selector software implemented using a telephone call. We utilized Interactive Voice Response and I operated as a technical liaison, provided system design and support for these outsourced products. Developed software using Access DB and Delphi to translate data feeds into billing invoices.

Related Experience
Crypto Trader, Investor, Developer   1/2013-Current
Built multiple trading apps to trade crypto currencies on Poloniex and Bittrex exchanges. C# 4.7.2 Win form on the frontend, Microsoft SQL Server backend on some, and logging to text files on others to remove SQL dependencies on the latest.

- Uses web sockets for a few different services across multiple exchanges. Sockets to receive Book data, Trade history data, and Ticker Feed data, as real-time push events. For the data that doesn't get pushed, I query on timers or as needed.
- The latest version utilizes an asynchronous core of tasks to process commands, and Concurrent Dictionaries as the default object to build Queues and Stacks. All the processing is running in background threads and leaves the UI threads to process UI messages.
- Experience running wallets, miners, staking

EDUCATION
University of Nebraska Lincoln, NE