



Contact Information:

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Frameworks & Programming Languages:

C#
MVC
.NET
.NET Framework
ASP.NET
SQL
LINQ
Oracle
HTML5
CSS3
JavaScript
jQuery Bootstrap
Xamarin
WebAPI
Azure
AWS

Steve Begin

Software Developer

Professional Experience

FOUNDER/SOFTWARE ENGINEER • C.H.R.I.S.T. MINISTRY

JOHNSON CITY, TN – U.S.A. • JULY 2019-PRESENT (INTERMITTENTLY)

- Developed innovative partnership plan for a web-based feature set used in international collaboration and spearheaded via a 70,000-follower Facebook (now Meta) self-started page. Implemented SDLC primarily using MVC for data refreshed by users, automation and government APIs.

SOFTWARE DEVELOPER • RJP

JOHNSON CITY, TN – U.S.A. • FEB 2023-OCT 2024

- Streamlined data-based decision making via both architecting & developing over ten integrations via .NET Framework & .NET all capturing various APIs data for Emmy Award client's Microsoft Azure-hosted data. These included Google Ads API; Apple Weather Kit API; Meta / Facebook / ManyChat API; Twilio API; OpenTable API; SevenRooms API; AskNicely (SMS/text surveys) API; Intuit QuickBooks; Prodco, and UKG. Additionally exported data for vendor evaluation via automated PGP encrypted CSV SFTP uploads, having leveraged combinations of ASP.NET MVC, C#, advanced SQL objects, and/or MS Office reporting.

- Leveraged technology to vastly improve Google Ads management and internally enhance critical client-account decision making. Facilitated this through creating automated notifications, client REST APIs, an internal REST API, & a full-stack .NET internal application (utilizing minimal API, MVC, CSS, JavaScript, jQuery, Linq queries, Dapper & SQL).

- Supplemented above development, having in tandem invested multiple months managing Google Ads efforts for ten (10) different customer accounts throughout the U.S.A, thus catapulting both directed and self-started technical efforts toward external customer needs as well as internal change management, trend analysis, and enhanced efficiency.

SR. .NET DEVELOPER • DUKE ENERGY

CHARLOTTE, NC – U.S.A. • AUG 2019- MARCH 2022

- SME for crucial PlantView enterprise application, its server admin. & mobile REST API Agile dev. Support including machine learning (ML), systems analysis, and its derivative Oracle & MSSQL, SSRS, SSIS reports plus Informatica ETL processes, all enabling continued high-level oversight & workflow to 40,000 users' federal compliance of power plant fleet. Managed six RDBMS environments for Enterprise Data Modeling.

- Lead successful team planning and implementation of Marquette Energy Analytics' Azure cloud-based solution involving SFTP, MFT, ESP dSeries Workload Automation, webMethods, Microsoft Active Directory security group / NAS share-creation, PowerShell and Oracle database scripting of EDI-gathered natural gas pipeline data - in conjunction with NOAA meteorological data. Performed post app. dev. and debugging consulting for updates to its "Gas Day Web" natural gas forecasting.

SOFTWARE DEVELOPER • CHRISTIAN AID MISSION

CHARLOTTESVILLE, VA – U.S.A. • OCT 2017-JUN 2019

- Created a full stack international multi-language online data-gathering, reporting, and interaction MVC web application through Entity Framework, from scratch, leveraging database designing skills for hybrid internal/external to Azure DevOps CI/CD Git integration over the VPN (spearheading Azure AD changes when needed), implementing enhanced authentication, password recovery, auditing, email notifications, security and file uploading features used successfully by over two hundred ministries in well over a hundred countries.
- Provided automation streamlining business processes to alleviate the tedious nature of repetitive / time-consuming internal financial reporting for sponsorships, constituent activity, FTP activity, and audit logs. Delivered these via software later purchased by Microsoft incorporated as Power Apps, and having the precursor logic to eventual AI agents.
- Designed and implemented processes for automating essential data extraction from marketing campaign emails to facilitate normalization and thus seamless database ingestion and automated emails of daily summation reports.
- Prototyped new online features enabling financial donor account access for tracking historical giving, recurring giving, and ability to give again. These new features leveraged via creation of SQL stored procedures and functions utilized in a .NET WebAPI application to facilitate interaction with internal and SaaS third-party RESTful API as well as integrate into WordPress front-end via JavaScript and HTML.

DEVELOPER • NTARA

JOHNSON CITY, TN – U.S.A. • JUL-SEP 2017

- Completed award-winning Kentico CMS certified course instruction, enabling CMS usage behind .NET websites.
- Used markup to create a Teradata client knowledge base through a GitHub wiki interface.
- Assisted in hospital database cleanup, and in Teradata multi-national cultural/language localizations translation-service integration.

WEB SOFTWARE ENGINEER • CODER FOUNDRY

KERNERSVILLE, NC – U.S.A. • MAR-JUL 2017

- Gained official ASP.NET web programming certification and created a personal portfolio and blog website using C# (“C Sharp”), MVC5 and JavaScript, employing .Git via GitHub for version sharing/control.
- Created a fully functional MVC bug tracker web application, from scratch, implementing enhanced security and file uploading features.
- Modified a fully functional financial portal web application using ASP.NET MVC framework. Composed dynamic front-end design using partial views and AJAX. Leveraged built in Entity Framework.
- Some Xamarin work toward designing a mobile vehicle information application. This accessed NHTSA’s car recalls database using WebAPI2 and included images using Bing’s Cognitive Image Search API. Worked on building out RESTful APIs via utilization of Azure App Services.

SOFTWARE DEVELOPER • CRU

ORLANDO, FL – U.S.A. • 2013-2017

- Leveraged Microsoft MVC using Visual Studio's IDE while implementing code using HTML, CSS3, JavaScript, C#, ASP.NET MVC, plus the Outsystems PaaS in performing both team and individual development of complex web services conversion (Delphi, Crystal etc. to web-based software) for headquarters & multi-language international use; as well as designing Middleware and Project Management Workflow applications.
- Leveraged prior vast Systems Administration work to help set up internal test and development servers and production servers' configuration in the cloud with Amazon Web Services (AWS) along with necessary CSR and SSL certificates, domain purchases, and secure plus private positioning over the WAN and Site-to-Site VPN.

COMPUTER & DATABASE SPECIALIST • JESUS FILM

SAN CLEMENTE, CA – U.S.A. • 1999-2013

- Server management (print, file, database, deployment, client-management) while also administrating complex user access needs including SSO of Relay, PeopleSoft, Goldmine, Novell, Siebel, Microsoft Active Directory and Exchange, and (ultimately) Google cloud services.
- Provided team leadership while coordinating customer service in Help Desk phone and remote response, local-computer installation and troubleshooting, extensive office-wide software training & its software license administration, as well as standing up all technology needed for larger VIP technical events.

Education and Certifications

Coder Foundry – Full Stack Immersive
Kernersville, NC – U.S.A. - 2017

CompTIA, A+ certification
Anaheim, CA – U.S.A. - 2003

Altiris, "ACE" (Altiris Certified Engineer)
Lindon, UT – U.S.A. – 2000

Eastern Michigan University, 1st year business administration
Ypsilanti, MI – U.S.A. – 1994

USMC, Marine Corps Food Management Information System
Camp Johnson, NC – U.S.A. – 1993