Ty Arseneau

PROFESSIONAL EXPERIENCE

Over 30 years of experience in IT consulting, project management, and systems development, implementation, and support experience in various industries, including Investment and Wealth Management, Consumer Credit, Banking, Health Insurance, Food Service, and Freight Transportation. Over 10 years technical expertise and experience working with Charles River Investment Management Systems, with extensive knowledge of the data model, export/import processing, and API Web Service solutions. Some experience deploying solutions with the Markit EDM data management platform. Additional project management and business analysis experience developing and deploying multiple custom applications for various clients.

TECHNICAL SKILLS

Technical skills span many application development environments, including internet, intranet, cloud, and mainframe platforms. Significant experience with Charles River IMS, including data model, exports, API Web Services, and post-trade processing. Experienced in implementing other solutions through all phases of development lifecycle from requirements gathering thru post-implementation support. Significant experience in the following technologies:

- Microsoft .Net Framework, MVC, VB.Net, C#, VB, ADO.Net, ASP.Net, XML, XML Web Services, WCF, ADO.Net Data Services
- Charles River Investment Management System (IMS), CRIMS Data Model, CRD API Web Services
- Markit EDM
- Microsoft Azure Cloud Services
- Microsoft SQL Server - Design, Development and Administration; Reporting Services
- IBM Websphere MQ
- Microsoft Project
- Crystal Reports 7, & .Net (Report Design, Development & Deployment)
- Microsoft Visual Studio Platform / Microsoft Team Foundation Server / SourceSafe
- IIS, ASP, VBScript, HTML, CSS, JavaScript, JQuery, JQGrid, Telerik/KendoUI
- Microsoft Office (VBA w/ Excel), Access, Powerpoint, Visio
- IBM Mainframe technologies, including Cobol, CICS, VSAM

PROJECTS / CLIENTS

Senior Consultant
Charles River Development (Boston, MA)
May, 2020 – May, 2022
March, 2024 to present

For Charles River Development/SSGA solution development project, served in a variety of roles and responsibilities across the workstream teams. Responsibilities included assisting with cross workstream issue resolution, configuration migration management, and user and account access management.

Senior Consultant/Analyst
T. Rowe Price (Baltimore, MD) / May, 2022 – March, 2024

For the T.Rowe Price CRD Core team, responsible for analysis, implementation, and deployment of functional enhancements for various trading desk and investment compliance requests. As scrum master responsible for running daily standups and grooming backlog development tasks. Additionally involved on longer term project preparing the T. Rowe CRIMS on premise implementation for planned future migration to the Charles River SaaS CRIMS hosting solution.

Ty Arseneau

Senior Consultant/Analyst
T. Rowe Price (Baltimore, MD) / April, 2019 – April, 2020

For the T.Rowe Price CRD IDW (Investment Data Warehouse) team, was involved in converting all CRD import functionality from the current accounting system (HiNet) to the corporate data warehouse (IDW). Acting in dual role as scrum master / data analyst. Scrum master responsibilities included managing the daily stand up and updating sprint and project artifacts. As analyst worked with team on data validation and import query setup for all batch cycles (Asia PAC, Ameribatch, and Intraday). Integrated and deployed custom data compare tool to automate the daily comparison tasks for production parallel testing.

Senior Consultant
Nuveen Investments (Chicago, IL) / January, 2017 – March, 2019

Involved for complete development lifecycle on multiple projects working as a member of Nuveen's Packaged Solutions Front Office Team. For the conversion from CRD v9.8 (in house hosted) to CRD v17R1 (CRD SaaS hosted) designed and deployed changes necessary for export file delivery, scheduling, and other related changes. Also for CRD V17R1 conversion project, re-designed, developed, and deployed custom trade order compliance reporting archiving solution. Designed, developed, and deployed multiple trade exports interfaces with post trade matching (DTCC CTM and OASYS) and trade accounting system (Eagle PACE). Designed, developed, and deployed security master export from the Charles River IMS system to the centralized security master environment. Created and maintained multiple in-house applications utilizing CRD Web Service APIs.

Solution Provider / Project Manager / Technical Architect
University Research Company (Chevy Chase, MD) / June 2016 – February, 2017

Managed development from RFP process thru implementation of URC's Indicator Improvement Database (IID) application. The application solution includes web app, mobile app, and database components and provides functionality world-wide for tracking health improvement outcomes for outreach programs managed by USAID and the URC ASSIST project. Assembled and managed small team of developers for initial development and involved in all phases of development lifecycle. Deployed solution using Microsoft Azure cloud hosting infrastructure.

Senior Consultant
Northwestern Mutual (Milwaukee, WI) / January – December, 2016

Worked on Multi Asset Class (MAC) development team, and later with the HotQuant OTC development team within the Managed Investment Runway (MIR) project. On MAC team, as lead technical resource for sourcing and exporting Markit EDM data solutions from target and source applications. For HotQuant OTC, was part of team that was responsible for development of loading and mastering OTC Derivative data from internal systems into the MIR solution. Tasks and responsibilities spanned all aspects of development lifecycle including business requirement gathering, functional and technical design, and implementation of data pipeline, alignment, and mastering solutions.

Project Manager / Delivery Lead
CGN Global (Chicago, IL) / March, 2015 – December, 2015

As a member of team for CGN Global, provided project management, business analyst, and technical architect consulting on a high profile in house development project for Lexon Surety Group. Responsible for providing project management assistance as well as publishing business requirements documentation, functional and technical application designs, and assisting development team with coding and defect remediation.

Ty Arseneau

Senior Developer and Architect
Nuveen Investments (Chicago, IL) / January, 2011 – March, 2015

As a member of IT Front Office Team, responsibilities include development and support of Charles River IMS and a suite of custom developed in- house applications. Lead developer for the Muni New Issue (MNI) application, a custom application used by the Nuveen municipal bond trading desk to facilitate the complete life cycle of the purchasing of municipal bond new issue offerings, including functionality for indications of interests, fund securities orders, and back office functions.

Team Lead and Architect
UBS (Chicago, IL) / November, 2009 – December, 2010 / March, 2007 – February, 2008

Lead Developer for StAR, a tool for the Strategic Investment Analytics group within the Global Assets Management division. Application merged functionality from 4 existing UBS applications, as well as provided new business critical functionality. Lead architect and developer for application using Winforms, C#, .Net Framework, and SQL Server.

Web Services Architect / Developer
Spencer Stuart (Chicago, IL) / June, 2008 – November, 2009

Responsible for maintaining and developing all corporate web services. Inventoried existing web services and consolidated/merged like services. Re-architected legacy data service infrastructure into two different prototype solutions using Microsoft WCF and Microsoft ADO.Net Data Services, implementing RESTful design concepts in each case. Managed existing web services, developed new services as needed.

Project Manager, Architect and Developer
Kraft Food Services (Wood Dale, IL) / March, 2000 – June, 2008

Involved in the architecture, design, development, implementation, and support of BEAST (Beverage Equipment Asset Service and Tracking). Managed ongoing software release schedule supporting business unit departments. Designed, developed, and implemented proprietary decision engine component, web services for Kraft business partner utilization, and other various components of BEAST.

Project Manager and Developer
Transamerica (Hoffman Estates, IL) / September, 1998 – December, 1999

For two different projects implemented a vendor Collections Management System (CACSPlus) and an interface to an outsourced account statement management service (Xerox). Managed implementation team of 5 people on time and within budget.

Technical Team Lead and Developer
American Management Systems (Chicago, IL) / January, 1990 – May 1995

For American Management Systems (AMS), acted as team lead and developer on a variety of different projects for third party clients. Area of expertise as a team member of the Finance Industry Group included consumer credit software packages developed and licensed by AMS (ACAPS – Consumer Credit Application Processing System, CACSPlus – Collections Processing System, and BureauLink, Credit Bureau Report Processing System).

Education
BS in Applied Computer Science
Illinois State University, Normal, IL