

# Monico A. Moreno

Greater Austin, TX  
[monico\\_moreno@collaborare.net](mailto:monico_moreno@collaborare.net)  
[www.collaborare.net](http://www.collaborare.net)

**Objective** To continue working in **NodeJs/Javascript**, consulting and web development/engineering context.

To humbly but assertively flex my **entrepreneurial** muscle in these roles! To work within an organization that values its employees and fosters a culture of respect, ethics, and integrity.

**Tech Skills**

- **NodeJS/Javascript, Typescript, ExpressJS, Koa**
- **AWS** Certified Solutions Architect Associate & Cloud Practitioner..Lambdas, Timestream, EC2, S3, etc.
- **Docker**
- **Heroku** PaaS, **CI/CD**, automated builds and deployment via web hooks.
- **Strapi Headless CMS** dev
- **Web Development**, HTML, CSS, Javascript (ES6), CSSGrid
- **ReactJs, VueJs, Nuxt**
- OS X, macOS, Linux
- DBs (relational & doc-based): PostgreSQL, MongoDB, SQL Server, MySQL, etc.
- **Git/Github/Bitbucket/Gitlab**

**Soft Skills**

- Excellent Written/Oral Communications
- Adaptive/Assertive/Team Player
- **Agile** Practitioner (**scrum, sprint/kanban**) via **Jira**, etc.
- Situational Leader
- Customer Focused
- Have filled role of **scrum master** (daily stand-ups, retros, refinement, sprint planning)

**Community**

- [ATX Serverless Meetup](#) (Founder/Organizer)
- [ATX Javascript Stack Meetup](#) (Founder/Organizer)
- [ATX NodeSchool Meetup](#) (Co-Organizer)
- [ATX MEAN Stack Meetup](#) (Founder/Organizer)
- [ATX Serverlessdays Conference](#) (Co-Organizer for 2019)

**Experience**

**March 2023 – Present**  
**NodeJs/Javascript/ReactJs Consultant/Engineer**  
[Centene](http://www.centene.com)  
<https://www.centene.com>

- Subcontract via [MiSource](https://www.misource.com) ( <https://www.misource.com> )
- Tech used: Node/Javascript, Typescript, ReactJs, Docker, Jest, in a WebDev context
- Helped agile, dev team with health industry app to easily submit provider service, insurance authorizations for approval. App makes use of #NodeJs/#Javascript, #ReactJs, #Docker along with API calls to backend services, including wrapper services, also written in #NodeJs.

**November 2022 – March 2023**  
**NodeJs/Javascript Consultant/Engineer**  
[Stryten](http://www.stryten.com)  
<https://www.stryten.com>

- Subcontract via @soltech-inc ( <https://soltech.net> )
- Tech used: Node/Javascript, Typescript, ReactJs, AWS Timestream, Docker, Jest, in a WebDev context

I created a #NodeJs server that provided:

- \* API endpoints
- \* Mechanism to write to and query from AWS Timestream, serverless database
- \* JWT authorized Socket.io communications
- \* Implemented CORS for Socket.io communications on different origin
- \* Jest unit tests for best practices, but also as part of CI/CD process.

Domain Summary:

- \* Stryten energy's industrial-sized VRFB batteries ( <https://www.stryten.com/vanadium-redox-flow-battery> ) send 100s of critical data points (voltage, controls' data, charge states, etc.) to the #NodeJs server I created, via HTTP API endpoints.
- \* VRFB batteries do this on a frequent basis (order of seconds) to the server
- \* The #NodeJs I created, in turn:
  - + transforms/pivots the data,
  - + writes it to AWS Timestream, and
  - + sends it browser clients via Socket.io, where the UI displays the data for engineers/managers/executives to make analyses, assessments, and operations decisions, based on the new data.
- \* The #NodeJs server also provides a socket.io mechanism for the browser clients to request a timeframe of data for a particular VRFB battery, which
- \* The server then queries from AWS Timestream, transforms/pivots the data, and sends it back the browser client via Socket.io.

**November 2022 – March 2023**

**NodeJs/Javascript Consultant/Engineer**

Soltech

<https://soltech.net>

- Corp to Corp (C2C) Contract to work on a webdev project for Soltech's client, @stryten-energy ( <https://www.stryten.com/> )
- Please see Stryen role for project/tech details.
- Tech used: #Node, #Javascript, #Typescript, #ReactJs, AWS Timestream, Docker, Jest, in a #WebDev context.

**October 2021 – October 2022**

**#InsurTech NodeJs/Javascript C2C Consultant/Developer**

Wikifri (for Guarenteed Rate Insurance)

<https://www.wikifri.com>

- C2C Contract via LLC (collaborare.net), providing consulting services to Guaranteed Rate Insurance (via Wikifri)
- As a Wikifri consultant, augmenting the software engineering team, in an agile/scrum context.
- Designing/developing #InsurTech software in #NodeJs/#Javascript, #ReactJs, #AWS, #serverless, #eventdrivendesign
- Facilitate sourcing team members via tech screens, interviews, and candidate assessments for onshore & offshore teams.

**October 2021 – October 2022**

**#InsurTech NodeJs/Javascript C2C Consultant/Developer**

Guaranteed Rate Insurance (via Wikifri)

<https://www.guaranteedrateinsurance.com>

- C2C Contract via LLC (collaborare.net) & @Wikifri (#InsurTech Consulting)
- Insurance leads & sales, system design & development—home, auto, bundles, renters, etc.
- Technologies used:
  - #NodeJs/#Javascript/#ReactJs for developing various parts of insurance leads/sales system
  - #AWS, #Lambda, SNS/SQS, K8S, #Kafka, #eventdrivendesign & development

**May 2021 – October 2021**

**Sr. NodeJs Consultant/Engineer (C2C Contract)**

Humana (via Brooksource/811)

<https://www.humana.com/>

Consultant/Engineer on the Boston Engineering Center team. Contributions to the Humana, dual-enrollment, benefits aggregation web application, written in **NodeJs** and **ReactJs**, in an agile team environment.

New product ideation, proof of concept and development of headless CMS (using [strapi.io](http://strapi.io)) web application with front end written in **ReactJs** and [strapi.io](http://strapi.io) for backend, API, used to maintain single source of truth for various entities such as vendor contacts and variations per U.S. states.

**March 2020 – May 2021**

**Sr. NodeJs Developer (1099 Contract)**

Atlassian

<https://atlassian.com>

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Part of the Web Core Funnel (WCF) & Monetization teams. Work done in **NodeJs, Javascript, Typescript, ReactJs. Agile, scrum**, 2-week sprint work flow.

Web development to optimize customer-facing pages for standard products like Jira Cloud, Confluence Cloud, BitBucket, to implement:

- top of the funnel flows
- data-driven strategies in personalization & monetization of web pages
- via techniques using SEO, SEM & Analytics

Content Management System (CMS) used is Magnolia.

Conversion of some older stack parts of these to ReactJs components. Backend work, using NodeJs/ ExpressJs for internal micro-serviced, API endpoints using JWT authentication, etc.

**February 2019 – Present**

**Web/NodeJs Consultant**

Collaborare Dot Net, LLC —Greater Austin, TX

<http://collaborare.net>

- Web site design and development/engineering in NodeJs, Javascript, HTML/CSS, VueJs/Nuxt, and some ReactJS (for Kentucky Tourism via LightJab). Customer facing interactions for helping clients better understand their needs and requirements. (on-going, as-needed contract)
- Strapi Headless CMS development and customization, for RentPath via Celerity (contract ended Jan 2020)
- ✨ Strapi Training Web site, video creation, strapi tutorials/training (on-going work via Collaborare Dot Net, LLC).

**July 2018 – February 2019**

**NodeJs Consultant**

macmillan learning—Austin, TX

<https://www.macmillanlearning.com/>

Working on a backend, Docker-ized API written in NodeJs & ExpressJs. Team working on timing for move to a microservices architecture. Deployments to AWS, EC2 instances at the moment, looking toward migrating to lambda functions or other serverless platform.

**June 2016 – July 2018**

**NodeJs/Javascript Developer Relations Manager, Power Recruiter/Team Builder**

HomeAway—Austin, TX

<http://www.homeaway.com>

June 2016: Contractor, Sr. NodeJs Dev/Lead

Kicked off development of front end, SEO project in a NodeJs context. After project gained momentum, built a team of 5 developers to maintain, tweak, and hand off to in-house devs in London.

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December 2016: offered/accepted permanent placement as Engineering Manager, filling roles in NodeJs/Javascript Developer Relations Manager, Power Recruiter/Team Builder!

Working with NodeJs, ExpressJs, HapiJs, BackboneJs, Javascript, Handlebars templating. Delving into ReactJs as well.

Contributing as dev manager and helping lead team/project vision and mission. Furthermore, I am serving as liaison between our dev team and stakeholders/designers/upper management.

On recruiting and community involvement, when opportunities open (within team and outside, but still within HA), I actively screen, interview, and recruit candidates--two devs were hired, as such, on our team! Huge part of this is active involvement in the local development community.

## **March 2015 – June 2016**

### **NodeJs Web Developer**

Cisco—Remote from Georgetown, TX

<http://www.cisco.com>

Part of the Advanced Services team, made up of 30-40 people, sub-team of 5 Node/Express/Angular web developers, including myself as tech lead. All projects internal, aside from openSOC-UI (<https://github.com/OpenSOC/opensoc-ui>), Kibana (<https://www.elastic.co/products/kibana>)

## **November 2014 – April 2015**

### **NodeJs/MEAN Stack Developer/Consultant**

Franchise Technologies, Inc.—Depew, NY

<http://www.ftipos.com/>

Retainer contract. NodeJs development and consulting. Javascript, Modulus.io servos, AWS Lambda Functions (full access via preview invitation). NodeJs modules written for AWS Lambda function execution and data store library. Laid foundation to greatly improve Javascript development workflow with Jasmine behavioral driven development (BDD), testing framework (<http://bit.ly/1BCC3zO>) and JSHint linting (<http://bit.ly/1BCBPZw>). Rewire (<http://bit.ly/1BCBlwS>) used for Javascript, mocking and dependency injection.

## **June 2014 – March 2015**

### **Senior Software Consultant/Developer**

Dell Inc.—Round Rock, TX

<http://www.dell.com>

Using C#.NET, ASP.NET, SQL Server 2012. Integral part of the Product Group responsible for developing the software to manage client machines (in the 100s) from Windows Server 2012 Management Console.

## **January 2013 – June 2014**

### **Senior Software Consultant/Developer**

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Charles Schwab & Co.—Austin, TX  
<http://www.schwab.com>

Schwab Retirement Information Systems, Schwab Index Advantage project, 401K Plan/Participants Modules, Retirement Fund Distributions system. Part of team to develop and maintain middleware and web applications for the above financial systems. Skills used: C#.NET 2/3.5/4.0, ASP.NET, Delphi (Object Pascal), SQL Server consulting/programming.

**August 2012 – August 2013**  
**Senior Software Consultant/Developer**  
Compass Learning—Austin, TX  
<http://www.compasslearning.com>

Wise/WSI/MSI Integration into CI Process via Powershell, WPF Utility Development, ASP.NET MVC utility web app.

**August 2009 – August 2012**  
**Senior Web Developer/Architect**  
Michael & Susan Dell Foundation—Austin, TX  
<http://www.msdf.org>

Web development in ASP.NET Webforms/MVC 3, Razor View Engine, Visual Studio 2008/2010, C#, .NET 2/3.5/4, SQL Server 2005/2008, CSS, **JavaScript**. Test-based development using NUnit. Agile process using TeamCity, Mercurial, Psake. Integral member of the Dell Scholars team (<http://www.dellscholars.org>). User interface

**July 2006 – August 2009**  
**Lead/Senior Web Developer**  
***Contracts for Multiple Clients***

Client, Raba-Kistner Consulting, Inc—Austin, TX  
<http://www.rkci.com>

March 2009 to June 2009. Contracted to architect, design, and develop a public facing web site. Web development in ASP.NET, C#, SQL Server, CSS, JavaScript with Object Oriented techniques and methodologies. Software catered toward civil engineering project requirements including engineering data-capturing, data analysis, data synchronization, and reporting.

Client, Nets to Ladders  
<http://netstoladders.com>

December 2008 to March 2009. Project-based position to architect, design, and develop administrative web site for San Francisco County. Work being done in ASP.NET 3.5/C# 3.0, and SQL Server 2005 with an n-tiered architecture and written in a 3-deep, layered implementation consisting of presentation, business, and data layers. Cross-browser development for IE 6/7 and FireFox 2/3. Please note that this company/web site is now obsolete.

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Client, GotVMail Communications—Needham, MA/Austin, Texas  
<http://www.gotvmail.com>

July 2008 to November 2008. Lead Web Developer using ASP.NET 3.5 with C# code-behind, Windows XP Professional. Database work done in Oracle 10g and Toad client. Presentation layer development for Internet Explorer 7, Firefox 2/3, and Apple Safari. Domain Driven Design and Modeling done in Sparx Systems Enterprise Architect for 4+1 view modeling, domain modeling, use case modeling, and deployment. OpenUP development process utilized for iterative development and full, software development life cycle process.

Client, Affiniscape—Austin, Texas  
<http://www.affiniscape.com>

May 2007 to July 2008. Senior Web Developer using ASP.NET 2.0 with C# code-behind, Windows XP Professional/Windows 2003 Server. Database work done in MS SQL Server 2005. Presentation layer done using CSS, custom JavaScript as well as libraries Prototype/Scriptaculous, and anthem.NET. Contracted to design/develop a new module—Conference Management—to current, flagship web application, Members 360®. Was hired as permanent September 2007. Designed and developed the business layer for Members 360®. Spring 2008, developed major, enhancement to accounting module in Members 360 ®

Client, Avenue A | Razor Fish (AARF)—Austin, Texas  
<http://www.razorfish.com>

February 2007 to April 2007. Senior Developer using ASP.NET 2.0 with C# code-behind, Windows XP Professional. Web development done for an AARF, external client. Client's current site is being re-designed which included an administrative site to create, edit, update, and delete data from their backend, SQL Server 2000 database. Implemented administrative web site with ASP.NET controls.

Client, e-MDs—Austin, Texas  
<http://www.e-mds.com>

July 2006 to February 2007. Senior Developer using C#.NET 2.0/3.0, Windows Presentation Foundation (WPF), and Extensible Application Markup Language (XAML) in a Model View Presenter (MVP) architecture, SQL Server 2005 for data store. Part of team development of a XAML-based application to maintain Electronic Health Records (EHR) in doctor's office on a backend, SQL Server database. Architecture used was Model View Presenter to facilitate interchangeability of business objects from view (user interface) objects coordinated via a presentation layer similar to Model View Controller but presentation (akin to Controller) more broad in responsibilities. Part of huge migration effort from Delphi based products to C#.NET environment.

**November 2004 – July 2006**  
**Senior Software Developer**  
Quadralay Corporation—Austin, Texas  
<http://www.quadralay.com>

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Senior Developer using C#/.NET, MS Word VBA, XML/XSL

Developed a migration module for flagship product, ePublisher Pro using C#/XML/XSL:

Migration programmatically converts legacy, binary-formatted projects from old Publisher to new XML-based ePublisher Pro projects. Intermediate, legacy project file in XML is translated via XSL to new ePublisher Pro XML format. C# code translates new XML data to new project data via ePublisher Pro, internal API. Revamped MS Word menu, Transit, written in MS Word VBA: Transit is integral part of ePublisher Pro process, provides a menu-driven tool to manipulate MS Word documents that serve as input to ePublisher Pro, revamped Transit interface and underlying logic/design.

**January 1996 – November 2004**

**Systems Analyst/Team Lead**

Texas Guaranteed Student Loan Corporation (TGS LC)—Austin, Texas

<http://www.tgslc.org>

Team Lead in Application Development/Support. Developed and maintained front end and back end systems to facilitate the electronic processing of student loans. Client-side and server-side data validation via student loan, industry-standard file layouts. Programmatic FTP, POP3/SMTP communications using Delphi components (OOP). Developed Delphi components for use in application development. Provided technical support for established and new systems developed.

**January 2001 – August 2001**

**Web Developer (Off-Hours Contract)**

Imagine Art—Austin, Texas

Developed a Web registration system for Imagine Art including end-user/administration functionality. Backend system for registry designed and developed using: Linux shell scripts, Java, HTML/CGI, JavaScript, and MySQL as backend database. Site with credits at <http://www.imagineart.net>

**December 2001 – August 2002**

**Web Developer (Off-Hours Contract)**

Southwest Texas State University, San Marcos, Texas

Developed a Web-based adult education credential model portfolio (AECM). Used by the Adult Education Credential Project (AECP) at Southwest Texas State University. System involved a registration process and persistent, electronic portfolio where accolades were stored. Technologies used: Active Server Pages (ASP), MS Access, PHP/MySQL, HTML/JavaScript, Some Java for RTF to PDF conversion of documents. Main AECP site: <http://cie.ci.swt.edu/credential/default.html> Please note that this web site is now obsolete.

**November 1994 – December 1995**

**Programmer/Analyst**

Trans-Continental Software Concepts (TCSC), Inc.--San Antonio, Texas



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Aided TCSC, an IBM AS/400 start-up company, in establishing a PC development group.  
Developed end-user pro-forma invoicing system for TCSC clients—U.S. Custom brokers.  
Provided hardware/software maintenance/support for in-house and external clients.

**March 1993 – November 1994**

**C Programmer—University Staff Member (Small Computers Operations Supervisor)**  
Agricultural Economics, Texas A&M University—College Station, Texas

Maintained and developed DOS-based user interfaces to farm simulation modeling systems.  
Began evaluation of development tools to port user interfaces to 16-bit MS Windows environment.  
Repaired and maintained PC equipment in a NetWare/Ethernet network environment. Provided hardware/software technical support to staff.

**Certifications**    AWS Certified Solutions Architect Associate  
                          AWS Certified Cloud Practitioner  
( both can be found at <http://collaborare.net/#certs> )

**Education**        Bachelor of Arts in Computer Systems Management--St. Edwards University, Austin, TX; Graduated Honors Summa Cum Laude, Member Alpha Sigma Lambda National Honor Society.

Electronics Engineering, Computer Science—Texas A&M University, College Station, TX; while working as a C programmer in the Ag Economics department, I took a good portion of my undergraduate courses at Texas A&M, College Station, TX. Eventually, I finished my degree at St. Edward's University, Austin, TX. All the the while, I really enjoyed exploring different disciplines like Electronics, Physics, Math, and Computer Science while in Aggie-land.

**Interests**        Golf, Racquetball, Drumming, Fitness, Briarwood Pipes, Pond Fishing.

**References**      Available upon request.