

## Languages & Frameworks

.NET Framework      Typescript  
.NET Core  
C# 8      Elixir  
ASP.NET Core      Phoenix  
Entity Framework Core      Ecto  
Dapper  
Autofac / Unity      Go  
MediatR  
AutoMapper      Ruby  
                 Ruby on Rails  
NUnit/XUnit  
NSubstitute/AutoFixture      React  
Moq      Vue  
  
SQL Server      babel  
PostgreSQL      webpack  
MongoDB  
ElasticSearch      Material Design  
Redis  
  
SASS / LESS / Stylus  
Azure      Zurb Foundation  
AWS      Bootstrap

## Architectural Preferences

Domain Driven Design  
Event-Driven Architecture  
Microservice Architecture

## Miscellaneous Studies

Crystal      Kafka  
Haskell      MQTT  
F#      Azure Event Hub  
Elm

## Intech Energy

Building a highly scalable backend architecture that allows for the intake of commercial building IoT data. The data is then used to optimize occupant comfort while allowing administrators to monitor, track, and implement energy efficiency measures.

Working with a small team of skilled developers in order to build a microservice, event-based architecture. Using software development practices to continually deliver value to the business on time, while also building scalable maintainable software.

## Arundo Analytics

## Engineering Manager / Architect

Architecting, Planning, Prototyping and Implementing a Azure web-based solution, using microservices and an event driven architecture.

Node.JS, Elixir, and Typescript back-end services backed by a message broker to provide communication, autonomous services, platform stability, and large scalability.

Leveraging Docker and Kubernetes to deploy microservices at scale in the Azure cloud.

Implementing Agile and Kanban processes for team coordination. Everything from story point planning, estimation techniques and team technical breakdowns. Helping teams understand what the business is building and translating business requirements in to technical solutions.

Working with management and business stake holders team to ensure our product and technical choices are being developed in a way that allows future growth of the application as well as provide rapid turn-around for the business needs.

## Enterprise Products

## Tech Lead / Architect

Responsible for leading a team of developers, quality assurance professionals, and business analysts towards delivering an amazing end-to-end software project using a highly iterative approach.

Using Domain Driven Design and building out an Event Driven Architecture in order to help services stay completely autonomous and provide scalability and proper service orchestration.

Responsible for leading the applications user interface, user experience, and the entire front-end infrastructure in order to grow our application and user interface according to our teams strengths and still meet our users requirements.

Used a number of modern development practices and software methodologies in order to get to release a successful project that is leading the industry in liquid asset logistics software.

## Assemble Systems

Bank of America / Merrill Lynch

Barclay's Capital

BP

Intridea

## Technical Lead

Senior Developer

Senior Developer

Developer

Software Developer

