Bryan Ray

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Languages & Frameworks

.NET Framework
.NET Core
C# 8
ASP.NET Core
Entity Framework Core
Dapper
Autofac / Unity
MediatR
AutoMapper

SQL Server
PostgreSQL
MongoDB
ElasticSearch
Redis

Typescript
Javascript

Elixir
Phoenix
Ecto

Go

Ruby
Ruby on Rails

React
Vue

babel
webpack

SASS / Stylus
Material Design
Material UI
Zurb Foundation
Bootstrap

Architectural Patterns

Domain Driven Design
Event-Driven Architecture
Microservice Architecture

Cloud Platforms

AWS
Azure
Heroku

Miscellaneous Studies

Crystal
Rust
Scala
Haskell
F#
Elm

SNS/SQS
vRabbitMQ
Kafka
MQTT
Azure Event Hub

App Academy — VP of Engineering
Jan 2020 – Present

Building the companies Learning Management System, Student Information System, and Learning Record Systems. Ensuring that there is a stable platform for hundreds of students, candidates, and job seekers. Ensuring that there is continued growth and development of a maintainable software architecture.

Working with, mentoring, and managing a small team of skilled developers in order to build a microservice, event-based architecture.. Helping support asynchronous, autonomous, and remote-first development. Using software development practices to continually deliver value to the business on time, while also building scalable maintainable systems.

Intech Energy — Architect
Jul 2018 – Jan 2020   1 yr 8 mo

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 to build a microservice, event-based architecture. Using Agile practices to continually deliver value to the business on time, while also building scalable maintainable software.

Arundo Analytics — Engineering Manager / Architect
Jul 2017 – Jul 2018   1 yr 1 mo

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 Kubernete's 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
Nov 2013 – Jul 2017   3 yrs 9 mo

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 — Technical Lead

Bank of America / Merrill Lynch — Senior Developer

Barclay's Capital — Senior Developer

BP — Developer

Intridea — Software Developer

'20 '19 '18 '17 '16 '15 '14 '13 '12 '11

Go
Elixir
C#
Javascript (ES2015+)
Ruby