




Bryan Ray

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Languages & Frameworks

.NET Core	Typescript
C# (9.0)	Javascript
ASP.NET Core	
Blazor	Elixir
	Phoenix
Entity Framework Core	Ecto
Dapper	
MediatR	Go
AutoMapper	
	Ruby
SQL Server	Ruby on Rails
PostgreSQL	
MongoDB	React
ElasticSearch	Vue
Redis	Svelte
	babel
	webpack
	Vite
	Tailwind CSS
	SASS
	Material Design

Architectural Patterns

Domain Driven Design
Event-Driven Architecture
Microservice Architecture
Monolithic Architecture

Cloud Platforms

AWS
Azure
Heroku

Miscellaneous Studies

Crystal	SNS/SQS
Rust	RabbitMQ
Scala	Kafka
Haskell	MQTT
F#	Azure Event Hub
Elm	

App Academy

VP, Engineering / Principal Developer

Jan 2020 - Present

Building the companies Learning Management System, Student Information System, and Curriculum Management Tool. 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 an event-driven architecture. Implementing process to support asynchronous, autonomous, and remote-first development. Using software development practices to continually deliver value to our users, the business, while also building scalable maintainable systems to prepare for the future.

Intech Energy

Senior Software Developer

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-driven architecture. Using Agile practices to continually deliver value to the business on time, while also building scalable maintainable software.

Arundo Analytics

Senior Software Developer

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.

NodeJS and Typescript back-end services backed by a message broker to provide communication, autonomous services, platform stability, and support vertical and horizontal scalability.

Leveraging Docker and Kuberneté's to deploy microservices at scale into the Azure.

Implementing Agile and Kanban processes for team process management. Everything from story point planning, estimation techniques and team technical breakdowns. Helping our 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 / Software Architect

Nov 2013 - Jul 2017 3 yrs 9 mo

Responsible for leading multiple teams 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

