

Michael J. Ryan

I have been working as a full-stack software developer, architect and in leadership roles specializing in web-facing applications in environments from dozens to millions of simultaneous users.

I would enjoy a role with the flexibility to design and implement great solutions that solve real issues. The past few years has been more focused on solutions utilizing React, Redux and Material UI (mui) using TypeScript on the front-end. Back-end services have been a combination of C# (ASP.Net/MVC) as well as Node.js. Database development has been a combination of SQL and NoSQL and search engines.

WORK EXPERIENCE

Yoh (First American Title) — Lead *Software Developer*

MAY 2023 – AUGUST 2023

Lead title and platform team for Fluent project. A multi-agency title process management and workflow application. Technologies include AWS DynamoDB, Lambda, Node.js, GraphQL (Apollo), React, Material Design (mui).

Vaco (HCA/HealthTrust) — Senior *Software Developer*

OCTOBER 2022 – APRIL 2023

Marketplace application for multiple client locations to access office and medical supplies to simplify their procurement process. The role was a combination of hands-on, and mentoring other developers. Leading UI refinement, refactor and establishing best practices.. Front-end software included TypeScript, React, Redux, Material UI. The back-end API was in C# with a generated client via NSwag and using Azure hosted SQL Server. GitHub repository, CI/CD via Azure Devops and Azure infrastructure via Terraform. *Do Not Contact*.

ServiceTitan — Staff *Engineer II*

OCTOBER 2021 – SEPTEMBER 2022

Leadership, principal development and design of systems and architecture related to the Application Platform API services. Use of Kubernetes, Helm, .Net/C# 6, Node.js, React, MobX, Microsoft SQL Server, PostgreSQL, Kafka, Identity Server and other systems were used.

Runbeck Election Services — Senior *Software Developer*

JUNE 2018 – OCTOBER 2021

Design and principal development of online petitions platform. Designed and developed an authentication management system for use with multiple products. Worked to design, develop and implement a web-based petition verification system. React, Redux, Material UI, JavaScript, Node, Koa, C# (.Net Core), SQL Server, PostgreSQL, SQLite, Redis, RabbitMQ, Azure DevOps CI/CD, Web Services, Docker, Kubernetes, Helm.

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Phoenix, AZ, USA
Remote

PRIMARY SKILLS

- Architect product solutions using a range of best-fit technologies.
- Full-Stack developer with experience across a broad range of client, server and database systems.
- Extensive experience with web-focused application development and JavaScript.

LANGUAGES

- JavaScript (25 years)
- TypeScript (10 years)
- C# (20 years)
- Rust (Learning)
- SQL (25 years)

Not an exhaustive list.

SKILLS (word soup)

TypeScript, Node.js, Express, ASP.Net, Material Design, Material UI (mui), Microsoft SQL Server, PostgreSQL, Azure, Amazon Web Services (AWS), CI/CD, Github Workers

Berkadia — Senior Software Developer

OCTOBER 2017 - MAY 2018

Full-stack development on a range of services connecting a React frontend in InDesign (CEP) with ExtendScript events running in InDesign Server to a management system utilizing Angular (JavaScript) with a Node/Koa and MySQL back-end, Docker. *Local development team was laid off.*

EmailAge — Senior Software Developer

JANUARY 2017 - AUGUST 2017

UI/UX development and prototypes. .Net application support. ETL pipelines for AWS DynamoDB and Lambda. Other technology used includes React, Redux, Material UI, JavaScript, Node, Express, C#, SQL Server, Cassandra, Docker, Elastic Beanstalk (Docker), DynamoDB.

Brooksource — Senior Architect

NOVEMBER 2016 - DECEMBER 2016

Designed React UI projects (React, Material UI, Redux, JavaScript) with a Node/Express and Oracle back-end. *Project scope reduced and team dismissed at end of year.*

IntraEdge (American Express) — Senior Developer

SEPTEMBER 2015 - OCTOBER 2016

UI/UX Development for projects focusing on customer acquisition and email marketing campaign management. Technologies: JavaScript (custom embedded, focused on light payload), Angular, React, Node, JavaScript, MongoDB.

Inxsol — Senior Developer

MAY 2015 – AUGUST 2015

Implementation refresh and polish for Command Plan, first responder training simulator. Technologies include Flash/Flex front-end with ActionScript, Administrative UI (JavaScript, jQuery, Bootstrap), C# (ASP.Net MVC) Back-end and some Node development, this including text-to-speech integration as well as a custom simulation server-side event loop.

Collector Car Network — Software Architect

JULY 2014 - MAY 2015

Design, collaborate and develop public-facing and internal applications for the ClassicCars.com website. Technologies include React, Material Design, Flux, SQL Server, RabbitMQ, Cassandra, Redux, Elasticsearch, Azure

GoDaddy — Software Developer III

AUGUST 2013 - JULY 2014

Worked with the Website Builder product team. Migration from ASP.Net MVC back-end with MS SQL Server to a Node backend with Redis and Cassandra. Front-end development using custom internal controls using jQuery.

SKILLS (more word soup)

TypeScript, JavaScript, ActionScript, ExtendScript, C#, .Net, .Net Core, Adobe CEP, React, Redux, Material UI, ExtJS, AngularJS, Angular, jQuery, Bootstrap, HTML5, CSS3, JSON, Material Design, REST, RPC, Web Services, NginX, Node.js, Express, Koa, Visual Basic .Net, ASP.Net WebForms, ASP.Net MVC, Classic ASP, Windows Communication Foundation (WCF), Cloudflare Pages, Cloudflare Workers, RabbitMQ, Cassandra, PostgreSQL, Elasticsearch, Azure Storage Tables, Azure Blob Storage, Azure Cognitive Search, AWS DynamoDB, Redis, SQLite, MySQL, Microsoft SQL Server, Stored Procedures, Triggers, Docker, Containerization, Kubernetes, Helm, Amazon Web Services (AWS), AWS Lambda, AWS Elastic Beanstalk, AWS Simple Storage Service (S3), Azure, Azure DevOps, Github, Github Workers, CI/CD, Windows, Linux, MacOS