Michael J. Ryan

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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 understand and am comfortable with various SQL/NoSQL and other database backends including their appropriate use cases.

I want to be in a role that I find challenging, with the flexibility to design and implement great solutions that solve real issues. I enjoy working with React, Redux and Material UI (mui) on the front end. I prefer Node on the backend and would appreciate the opportunity to expand with Rust and Go.

WORK EXPERIENCE

Vaco (HCA/HealthTrust), Remote — *Senior Software Dev*

OCTOBER 2022 – APRIL 2023

Marketplace application for multiple client locations to access office and medical supplies to simplify their procurement process. Most of my time 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 backend 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.

ServiceTitan, Remote — *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, Phoenix, AZ — *Senior Software Dev*

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.

Berkadia, Phoenix, AZ — *Senior Software Dev*

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 backend, Docker. Arizona development team

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, preferred)

- TypeScript (10 years)

- Rust (Learning, Preferred)

- C# (20 years)

- SQL (22 years)

Not an exhaustive list.

SKILLS (word soup)

JavaScript, Node.js, React, Redux, Material UI, NginX, RabbitMQ, Cassandra, PostgreSQL, ElasticSearch, Koa, Docker, Kubernetes, Helm, AWS, DynamoDB, Azure, Azure DevOps, CI/CD, HTML5, CSS3, JSON, REST, RPC, Web Services, Material Design, jQuery, Bootstrap, Express, Koa

EmailAge, Chandler, AZ — *Senior Software Dev*

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, Jacksonville, FL — *Senior Architect*

NOVEMBER 2016 - DECEMBER 2016

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

IntraEdge (American Express), Phoenix, AZ — *Senior Dev*

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, Phoenix, AZ — *Senior Dev*

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) Backend and some Node development, this including text to speech integration as well as a custom simulation server-side event loop.

Collector Car Network, Phoenix, AZ — *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, Chandler, AZ — *Software Developer III*

AUGUST 2013 - JULY 2014

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

Volt (US Airways), Tempe, AZ — *Senior Architect*

MAY 2013 – AUGUST 2013

Enhanced existing systems and API interfaces for internal operations. Technologies include WS-* and JSON bindings with WCF and Unity Framework as a DI framework with custom client library to simplify access from other business units. Technologies include ASP.Net WCF, C#, Oracle

SKILLS (more word soup)

ExtJS, .Net Core, C#, Visual Basic .Net, ASP.Net WebForms, ASP.Net MVC, Classic ASP, WCF, AngularJS, Angular, Amazon Web Services (AWS), Lambda, DynamoDB, Elastic Beanstalk, S3, Containerization, Adobe CEP, ActionScript, ExtendScript, Azure Storage Tables, Azure Blob Storage, Windows, Linux, MacOS, Redis, SQLite, MySQL, Microsoft SQL Server, Stored Procedures, Triggers