

CONTACT

ryanjbyrne3@gmail.com

ryanbyrne.work

@ryan-byrne-software

Phoenix, AZ

ACHIEVEMENTS

Plexus Worldwide
Hackathon Winner

Northrop Grumman
Bravo Award for
Operational Efficiency

SIT Dean's List

NCAA Volleyball
Championship Finalist

EDUCATION

Stevens Institute of
Technology

BS Computer Science
Minor Cybersecurity

Hoboken, NJ 2021

SKILLS

// SOFT SKILLS

- Leads from the front
- Team oriented
- Workhorse
- Innovator
- Observant
- Communicator
- Ambitious

RYAN BYRNE

SOFTWARE ENGINEER

A pragmatic and team oriented Software Engineer with over 4 years of professional experience developing high-valued products and driving improvements to company workflows.

PROFESSIONAL EXPERIENCE

Plexus Worldwide | Gut Health & Wellness

Tech Lead, Senior Software Engineer | Oct 2023 - Present

Java Spring Boot

Mulesoft

NodeJS

NextJS

Kafka

TypeScript

React

leadership

event-driven

- Led an engineering team in developing a second-generation, message-driven order system to enhance scalability and global order fulfillment.
- Developed architectural diagrams and documentation for new and legacy systems which greatly improved coordination efforts between teams.
- Motivated and unified my team during turbulent times, maintaining consistent delivery.
- Accelerated junior engineers' technical capabilities through mentorship.
- Guided teams in adopting software engineering best practices including inversion of control, separation of concerns, and improved testing methodologies to enhance code quality.
- Developed a progressive rollout strategy utilizing Launch Darkly for synchronizing features spanning multiple front-end services.
- Achieved first place in Plexus Worldwide's Hackathon by learning Spring Boot and implementing a message routing service with dead-letter capabilities within an 8 hour time frame.

Swift Events | Event Management Startup

Full Stack Engineer | Oct 2022 - Oct 2023

NextJS

React

TypeScript

AWS

MySQL

serverless

startup

- Founded and built a SaaS event management platform tailored for small to medium sized businesses as a response to market demand.
- Received over 60 successful event registrations and grossed over \$3,000 of revenue the first month after launch.
- Reduced technological costs by 80% and improving elasticity and scalability by hosting service on edge runtime infrastructure.
- Maintained aggressive release cycles by leveraging third party services such as Stripe, Clerk and SendGrid.
- Streamlined debugging process by using Sentry and reduced patch time to less than 30 minutes after receiving a report.

SKILLS

// FRONT-END

- HTML5
- CSS3
- TailwindCSS
- JavaScript
- TypeScript
- React JS
- Next JS
- SvelteKit

// BACK-END

- Java Spring Boot
- Mulesoft
- NodeJS / Express
- Python
- Go
- C# / .NET
- C / C++

// INFRASTRUCTURE

- Ansible
- Terraform
- Docker
- Kubernetes
- AWS

Northrop Grumman | Defense Contracting

Cyber Architect | Jun 2021 - Oct 2022

Python

Ansible

Terraform

CI/CD

cybersecurity

automation

- Revolutionized company operations by working with my team to design and build a DOD-compliant software factory used to automate testing, scanning, deployment, and logging for multiple programs.
- Developed and deployed a custom cybersecurity tool to automate the secure transfer of data between parties.
- Collaborated with multiple other teams in various sectors of the company to integrate this tool into their workflows.
- Partnered with my teammate to engineer a cybersecurity toolkit to monitor and develop reports on critical systems achieving a 99% speed-up in compliance and security scanning.
- Worked between two teams and managed efforts using Agile methodologies such as Scrum and Kanban.
- Initiated regular discussions with leadership to improve program efforts and efficiency.

Software Engineer | Jun 2020 - Jun 2021

.NET

Razor Pages

REST API

MSSQL

C#

- Innovated on internal enterprise metrics by developing a .NET Core application that tracked the career trajectories of internal employees.
- Led the efforts in architecting the application and became the trusted primary contact for stakeholders with regard to the technical aspects of the project.
- Documented company procedures and technical specifications which aided in training 3 new teammates and expedited their on-boarding.
- Organized and achieve successful integration of back-end services with other teams resulting in a unified experience with other internal tools.
- Received the Bravo Award for Operational Efficiency for exceptional communication and unwavering reliability.

Fundfish | Business Funding Startup

Software Engineer | Aug 2020 - May 2021

.NodeJS

ReactJS

Google Firebase

AWS

TypeScript

Docker

Figma

Adobe CC

- Worked with my team of 5 to bring a client's idea for a business funding startup from idea to MVP where it was presented to Venture Capitalists and received additional funding.
- Created custom digital assets using Adobe Creative Suite used for branding materials, including company logos and images.
- Implemented Figma UI prototypes using React with Express handling the business logic.
- Automated deployments using GitHub workflows to test, build using Docker and deploy to AWS.