CONTACT

📧 ryanjbyrne3@gmail.com

🌐 ryanbyrne.work

in @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

- 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 with contractors.
- 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

- 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 critical KPIs such as elasticity and scalability by hosting service on edge runtime infrastructure.
- Maintained aggressive release cycles by outsourcing non-core business logic to 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.

Northrop Grumman | Defense Contracting

Cyber Architect | Jun 2021 - Oct 2022

- 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

- 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

- 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.