RYAN BYRNE

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Full Stack Engineer

A pragmatic and team oriented Full Stack Engineer with over 4 years of experience developing high-valued products and driving improvements to company workflows. Proven track record of initiating and delivering impactful solutions to complex problems in fast paced environments.

Professional Experience

SWIFT EVENTS   Phoenix, AZ
Full Stack Engineer   October 2022 - Current

- Identified and responded to a niche market demand by developing a SaaS event management platform tailored for small to medium sized organizations resulting in over 60 successful event registrations within the first month after launch
- Reduced costs by 80% and increased company's competitive advantage by hosting on serverless and edge runtime infrastructure improving critical KPIs such as elasticity, scalability, security, maintainability and deployability
- Maintain aggressive release cycles by outsourcing application logic to third party services such as Stripe, Clerk and SendGrid in order to keep focus on the core product development
- Streamlined debugging process by using Sentry and reduced patch time to less than 30 minutes after receiving a report

NORTHROP GRUMMAN   Chandler, AZ
Cyber Architect   June 2021 - October 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
- Spearheaded the development of 3 custom automated cybersecurity tools that achieved a 99% speed-up in compliance and security scanning resulting in thousands of dollars of cost savings for the company
- Recognized for development efforts resulting from the coordination and integration of created tools into 4 other programs' workflows across 2 sectors
- Used Agile Scrum and Kanban daily to manage efforts and initiated regular discussions with leadership on methods to improve program efforts

NORTHROP GRUMMAN   Chandler, AZ
Full Stack Engineer   June 2020 - June 2021

- Innovated on internal enterprise metrics by developing a .NET Core 3 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 expediting their onboarding
- Organized and achieved successful integration of backend services with other teams and received the Bravo Award for Operational Efficiency for exceptional communication and unwavering reliability

Technical Skills

Frontend: ReactJS, AstroJS, JavaScript, TypeScript, HTML, CSS, TailwindCSS, Razor Pages, UX, UI
Backend: NextJS, Node.js, Express, REST APIs, GraphQL APIs, Python, C#, C, C++
Infrastructure: Ansible, Terraform, Docker, Kubernetes, AWS, GitHub Workflows, GitLab Pipelines
Database: SQL, MongoDB
Design: Adobe PhotoShop, Adobe Illustrator, Adobe XD, Adobe InDesign, Figma
Other: Linux, Windows, Git

Education

Stevens Intitute of Technology   Hoboken, NJ
Bachelors of Science in Computer Science, Minor in Cybersecurity   May 2021
Dean's List, Men's varsity volleyball athlete