RYAN BYRNE
SOFTWARE ENGINEER

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SUMMARY

As someone who has worked at every point in the software development cycle, I can adapt to any environment and offer creative solutions from a wide breadth of knowledge. I am looking to work with excellence in an environment where taking risks is encouraged and tackling the impossible is an every day challenge; where progress is valued more than being right.

EDUCATION

May 2021

B.S Computer Science,
Minor Cybersecurity

Stevens Insitute of Technology

SKILLS

Intangible

- Work horse and innovator
- Observant and can connect the dots at different levels and scopes
- Great communicator, better listener

Prototyping & Design

- Figma & Adobe Creative Cloud

Frontend

- React / AstroJS
- JavaScript / TypeScript
- HTML / CSS
- Tailwind

Backend

- NextJS
- NodeJS & Express
- REST, GraphQL
- AWS
- Python
- SQL & MongoDB
- C#

WORK EXPERIENCE

Full Stack Engineer   *https://www.swiftevents.app*

Swift Events, Phoenix, AZ   *October 2023 - Current*

`NextJS` `React` `TypeScript` `AWS` `MySQL` `serverless`

- Took an unpolished concept for an event management application and brought it to production
- Increased profit margins and security by hosting on serverless infrastructure with plans to move to an edge runtime environment which will further increase KPI metrics
- Minimized development costs by integrating with third party services such as Stripe, Clerk and SendGrid
- Consistently received market feedback from users and implemented changes to increase user retention

Cyber Architect

Northrop Grumman, Chandler, AZ   *June 2021 - October 2022*

`Python` `Ansible` `Terraform` `CICD` `cybersecurity` `automation`

- Revolutionized company operations by working with my team to design and build a DOD-compliant software factory which will serve multiple programs
- Innovated and developed custom automated cybersecurity tools that drastically reduced security and compliance scanning time from days/weeks to just minutes, resulting in significant cost savings for the company
- Our work resulted in such an increase of efficiency that I took charge of working with other teams to implement these tools into their workflow
- Took initiative on talking with leadership on methods to improve program efforts

Full Stack Engineer

Northrop Grumman, Bethpage, NY   *June 2020 - June 2021*

`.NET Core` `Razor pages` `REST API` `MSQL` `C#`

- Worked with my team to develop a full-stack .NET Core application that tracked the career trajectories of internal employees
- Led the efforts in architecting the application and became the POC leadership and other teams would consult with regards to the project
- Ensured successful integration with multiple dependent teams
- Exceptional work ethic and communication skills led to receiving the Bravo Award for Operational Efficiency within 3 months of starting in the position