

# Ryan Byrne

SOFTWARE ENGINEER

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<https://www.ryanbyrne.work>

## SUMMARY

Driven and multifaceted developer possessing strong creative and critical thinking skills. Passionate and skilled at taking complex ideas and turning them into reality.

## EDUCATION

May 2021

B.S Computer Science,  
Minor Cybersecurity

Stevens Institute of Technology

## SKILLS

*Prototyping & Design*

- Figma
- Adobe Creative Cloud

*Frontend*

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

*Backend*

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

*Source Code*

- GitLab
- GitHub

## WORK EXPERIENCE

### Full Stack Engineer

<https://www.swiftevents.app>

Swift Events, Phoenix, AZ

January 2023 - Current

NextJS React TypeScript AWS MySQL serverless

- Worked as a solo developer to build a mobile-first, serverless platform for small event organizers to process and manage registrations
- Brought concept to production (beta) within constricted timeframe and budget
- Integrated with Stripe to process payments, SendGrid to send users email notifications and AWS S3 to store user uploaded images
- Communicated with users for market feedback and implemented desired changes
- Developed individualized dashboards for users to manage their events

### Cyber Architect II

Northrop Grumman, Chandler, AZ

June 2021 - October 2022

Python Ansible Terraform cybersecurity software factory pipelines

- Worked with my team to design and construct a software factory and infrastructure, according to DOD requirements, for multiple dependant programs
- Responsible for creating custom, scalable and cross domain cybersecurity tools and pipelines to ensure security standards are maintained in code and infrastructure
- Taking lead on generating documentation and integrating custom tooling with other teams across the enterprise
- Daily use of Scrum and Jira to generate and track user stories
- Designed and documented software architecture and presenting to leadership using Confluence and Microsoft Office

### Backend Engineer

Northrop Grumman, Bethpage, NY

June 2020 - June 2021

.NET Core Razor pages REST API MSQl C#

- Worked as part of a team to develop a full stack .NET Core application to track career trajectories of internal employees
- Responsible for architecting and developing the REST API and MSQl database for which the application was built on using C#
- Assisted with building frontend (Razor pages) and connecting to API
- Integrated with multiple dependent teams
- Received Bravo Awards for development efficiency