

# Bryan Moon

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## SUMMARY

Highly motivated full-stack developer with +3 years of professional experience, consistently driving projects from concept to completion.

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## EXPERIENCE

### Full Stack Developer

#### Hypno

June 2021 - Present, Brooklyn, NY

- Refactored backend business logic using the Rails 'interactor' pattern, improving code maintainability and reducing technical debt.
- Modernized CI/CD pipeline by integrating Docker and Brakeman, highlighting and preventing the critical security vulnerabilities.
- Led the development of a new client dashboard using NextJS with Typescript, resulting in a 30% increase in new user signups, and increasing user engagement with intuitive UX.
- Spearheaded the development of a new API version that features policy based authorization, reusable cursor based pagination, and optimized query performance.
- Designed and implemented a scalable user/organization permissions system, enabling subscription tier-based privileges and ensuring secure access across multiple applications.
- Integrated Stripe's payment services throughout our stack, enabling a seamless transition to a SaaS subscription model and contributing to an increase in recurring revenue.
- Developed numerous creative video outputs using a proprietary JavaScript/CoreImage/OpenGL library.
- Independently learned TouchDesigner software to create a custom interactive experience for brand Tommy Hilfiger, incorporating real-time manipulation via MIDI, and seamless integration with existing content delivery pipelines.

### Associate Frontend Developer

#### ArtBy.City

March 2021 - June 2021, New York, NY

- Assisted in debugging and optimizing front-end code, resulting in an improvement in application performance.
- Adopted a test-driven development approach, writing unit tests with Jest, leading to more robust and maintainable code
- Built reusable components within a Nuxt.js framework, enabling faster development cycles and consistent UI across multiple projects

### Owner & General Manager

#### Kichin

January 2015 - April 2020, Brooklyn, NY

- Conceptualized and produced collaborative pop-up events with renowned partners such as Baby's All Right, Kinfolk, Yaeji, Boiler Room, X-Games, Bubble\_t, The Infatuation, and MoMA PS1, generating significant buzz and brand exposure.
- Earned recognition from prestigious media outlets such as The New York Times, The New Yorker, Bon Appétit, The Infatuation, and Time Out.
- Achieved exceptional financial success, exceeding \$1M in gross revenue in 2019 while managing a team of approximately 15 employees, demonstrating my leadership and business acumen.

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## PROJECTS

### Raspberry Pi Thermal Printing Solution

Yaro Studios • November 2022 - Present

- Designed and built a custom thermal printing solution to automate in house supply purchasing and kiln firing requests for a local ceramics studio, effectively eliminating the previous manual process while significantly improving the workflow for their staff.
- Developed a Python server using Flask on a Raspberry Pi, coupled with ngrok for remote access and cron jobs to automate the printer uptime.
- Employed the open-source Baserow database for cost-effective data management and utilized its free webhooks API for automation.
- Regularly maintain the project in exchange for studio memberships, demonstrating initiative and commitment.

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## EDUCATION

### Full Stack Bootcamp

Flatiron School • New York, NY • 2020

### Bachelor of Arts in Audio Production

SUNY New Paltz • New Paltz, NY • 2014

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## SKILLS

Git, vim, bash/zsh, ruby, rails, python, flask, nodejs, typescript, html, css, scss, tailwind, jest, vue, nuxt, nextjs, react, solidjs, heroku, vercel, aws, docker, ci/cd