

Bryan Moon

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SUMMARY

Full-Stack Developer with **3+ years of experience** building scalable web apps, optimizing systems, and delivering solutions that drive engagement and improve workflows.

EXPERIENCE

Full Stack Developer | Hypno | Brooklyn, NY | June 2021 - Present

- Created comprehensive API documentation for both existing and new APIs, reducing onboarding time for new developers and improving cross-team collaboration.
- Designed and built a dynamic email template generator, cutting branded template creation time by 50% and enabling production teams to deliver campaigns faster.
- Refactored complex backend business logic using the **Rails** interactor pattern, reducing code complexity and improving long-term maintainability.
- Led the redevelopment of the client-facing dashboard using **Next.js** and **TypeScript**, resulting in a 30% increase in new user signups and a boost in user engagement through a more intuitive UX.
- Designed and developed an updated **REST API** with policy-based authorization, enabling a scalable user permissions system that defined user capabilities across multiple applications, reducing permission-related bugs
- Enhanced the **CI/CD** pipeline by integrating **Brakeman**, which identified and prevented 15+ critical security vulnerabilities in the Rails backend, improving code safety and reducing risk.
- Integrated **Stripe's** payment services across the stack, creating tiered subscription levels that increased monthly revenue by 20% and motivated pro users to upgrade to enterprise features.
- Built real-time blockchain data fetching and interaction capabilities, enabling NFT ticket validation and content creation on the Ethereum blockchain
- Developed creative video outputs using a proprietary **JavaScript/CoreImage** library, creating templates that allowed non-technical team members to edit content via JSON, reducing workflow time.

Associate Frontend Developer | ArtBy.City | New York, NY | March 2021 - June 2021

- Debugged and optimized front-end code, improving application performance through reduced load times and enhanced rendering efficiency.
- Implemented test-driven development (TDD) using **Jest**, increasing code coverage by 30% and reducing production bugs, resulting in more robust and maintainable code.
- Built reusable components using **TypeScript**, **Vue** and **Nuxt.js**, ensuring a consistent UI across multiple projects, improving user experience.

Owner & General Manager | Kichin | Brooklyn, NY | January 2015 - April 2020

- Conceptualized and produced high-profile pop-up events in collaboration with renowned partners such as Baby's All Right, Kinfolk, Yaeji, Boiler Room, X-Games, Bubble_t, The Infatuation, and MoMA PS1, generating over 1M+ social media impressions and significantly boosting brand visibility.
- Secured media coverage in prestigious outlets including The New York Times, The New Yorker, Bon Appétit, The Infatuation, and Time Out, increasing brand recognition.
- Achieved exceptional financial success, exceeding \$1M in gross revenue in 2019 while leading a team of 15 employees, demonstrating strong leadership, operational efficiency, and business acumen.

PROJECTS

Mr. Print | Personal Project | mrprint.app | November 2022 - Present

- Designed and built a custom thermal printing solution to automate kiln firing requests for ceramics studios, eliminating 100% of manual processes and reducing staff workload by 50%, while streamlining workflow efficiency.
- Developed a proof-of-concept using a **Raspberry Pi** to locally host a **Python Flask** server, enabling real-time processing of webhook requests and validating the feasibility of the solution.
- Iterated on the concept to create custom software that works directly with Epson TM-i line of printers to leverage their wireless server direct printing feature.
- Implemented a **Redis**-based queue system to manage print jobs from multiple sources, reducing **Supabase** API requests and enhancing system scalability for high-volume printing environments.
- Developed a user friendly frontend using **Typescript** and **NextJS** to help clients track their revenue, export billing data, and manage their printers.
- Integrated subscription based payments through **Stripe API** to monetize the software.

EDUCATION

Full Stack Bootcamp | Flatiron School | New York, NY | 2020

Bachelor of Arts in Audio Production | SUNY New Paltz | New Paltz, NY | 2014

SKILLS

Git, vim, bash/zsh, ruby, rails, python, flask, nodejs, javascript, typescript, html, css, scss, tailwind, vue, react, solidJS, heroku, vercel, aws, supabase, sql, ci/cd