

# JARRETT GLINER

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## PROFESSIONAL EXPERIENCE

### Amaze X Spring

San Francisco, CA, USA

Senior Software Engineer VI (Post-Spring Acquisition)

January 2023 - Present

- Acted as a key decision-maker in designing Spring's backend microservice architecture with the goal of supplanting a legacy Ruby/Rails monolith - included redesigned RESTful APIs in NodeJS/Typescript, a GraphQL gateway for directing gRPC calls, and CouchDB for NoSQL storage
- Played a pivotal role in accelerating microservice adoption via the development and deployment of Springboard: a framework for rapidly launching new microservices, utilizing Jinja2 for template generation and Docker for containerization
- Worked cross-functionally with Product, DevOps, Customer Service, and Fulfillment teams to ensure a stable migration of Spring's Order Routing and Inventory Management services to the microservice architecture via a Springboard-generated repository
- Advised and mentored other Engineering pods within the organization on adoption of Springboard as well as best practices for transitioning their verticals off the monolith
- Implemented an efficient zero-downtime bundling solution for Spring's storefront deployment on Netlify, strategically rolling out the change across hundreds of thousands of sites based on aggregated traffic and sales data, resulting in a reduction of build times from a week to a couple of hours and tens of thousands of dollars of savings in compute costs

### Amaze

San Francisco, CA, USA

Senior Software Engineer VI (Pre-Spring Acquisition)

November 2021 - January 2023

- Led the transition from Javascript to Typescript across the stack, establishing robust type definitions, including an overhaul to optimize and standardize React component development in Typescript
- Served as a key stakeholder and contributor to the company's strategic expansion into ecommerce through a comprehensive integration with Shopify: entailing OAuth integration, Shopify webhook setup, Shopify page modification using their "Liquid" language, and the augmentation of Amaze Studio's content system
- Orchestrated the technical vision, design, and full-stack development of Amaze Wizard: an innovative Typescript-based alternative frontend for Amaze Studio, working closely alongside Product and Design teams, to ingeniously reuse the existing JSON-based project framework for facilitating a more intuitive editing experience
- Initiated and crafted a sophisticated, secure, admin-governed content tagging mechanism within Amaze Studio that identifies and segregates static and dynamic content, enabling Amaze Wizard to precisely tailor customizable fields through data-driven rendering
- Further expanded my prefabrication paradigm to allow for efficient CRUD storage and management of user-uploaded photos and videos (leveraging Postgres and S3), coupled with a user-friendly interface, ensuring seamless asset accessibility and persistence across user accounts in both Studio and Wizard

### Amaze (FKA Famous Industries)

San Francisco, CA, USA

Software Engineer V

December 2019 - November 2021

- Architected a Jenkins-based CI/CD framework incorporating Groovy scripting, Docker for containerization, Selenium, and WebDriverIO for UI testing, enhanced with a custom Slack app for deployment approvals, significantly boosting deployment efficiency and reliability to 10k+ regular users
- Led the strategic transition from Redux to MobX for frontend state management, addressing performance bottlenecks and enhancing application responsiveness
- Worked cross-functionally with Design, Product, QA, and DevOps to lead architecture and development of a scalable content extraction and prefabrication system with an in-product admin tool to streamline permissions, testing, and approval workflows
- Headed up integrations with Stripe Checkout and Typeform SDKs for payment processing and lead generation modules, demonstrating capability of embedding and configuring external services within Amaze/Famous Studio for the first time

### Famous.co

San Francisco, CA, USA

Software Engineer IV

September 2017 - December 2019

- Spearheaded innovation on a pioneering, isomorphic JSONPatch (RFC 6902)-based Live Preview system, leveraging Websockets to synchronize updates between the React/Redux-based authoring environment and vanilla DOM output in real-time, and using PostgreSQL's JSONB operations to ensure performant data persistence as well as NodeJS for a RESTful backend, revolutionizing the no-code WYSIWYG tool's design-feedback loop
- Conceived and implemented a sophisticated, robust Undo/Redo system using a JSONPatch-based stack and byte-offset indexing
- Introduced Webpack integration into the Electron build pipeline to streamline ES6+/React/Redux-to-Javascript transpilation and minification, achieving stable bundling for production, as well as hot reloading in development environments

### Stage.GG

San Francisco, CA, USA

Founding Engineer

August 2016 - September 2017

- Architected and built out a fully isomorphic Node + React + Redux + Webpack stack with server-side rendering on a dedicated frontend server
- Architected and built out a dedicated Node + Restify API backend (including raw MySQL queries executed via Sequelize ORM) that serves the frontend, as well as third-party partners on public endpoints
- Created and maintained a build / release pipeline with AWS Elastic Beanstalk, Nginx, and Apache
- Grew traffic from launch to 100k uniques/mo on a single t2.micro AWS EC2 instance
- Developed micro-libraries for data visualization using React and D3
- Integrated a custom WordPress admin frontend that hooked into our database to serve Editorial Content directly to the site
- Mentored interns, onboarded contractors, implemented a code review process, served as gatekeeper of the company's Git repository (hosted on Bitbucket)
- Sold to Mobalytics in Q4 2017 - <https://www.crunchbase.com/organization/stage-esports>
- Please visit <https://stackshare.io/stage-gg> for more detailed information about our tech stack.

## EDUCATION

University of California - Santa Barbara

June 2010 - May 2014

Bachelor's, Psychology, Applied Psychology, Tech Management

## SKILLS & INTERESTS

**Skills:** TypeScript, JavaScript, Postgres, Git, React.js, Next.js, GraphQL, AWS, REST APIs, MySQL, NoSQL, SQL, Docker, Redis, MobX, Webpack, gRPC, Nginx, Electron.js, Express.js, Babel, Ruby, Vue.js, Redux.js, Python, Ruby on Rails, HTML/CSS, Digital Ocean, FFmpeg, Linux/Unix, Netlify, Jenkins, CircleCI, Adobe Creative Suite, Adobe Photoshop, Bash

**Interests:** - Music (playing guitar, music production, DJing, attending live events for any genre out there) - Skiing - Travel - Cooking