Matthew Greer (he/him/his)

Software Engineer

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Brooklyn, NY | Portfolio | LinkedIn | Github

Languages:	Ruby, JavaScript, TypeScript	**Tools:**	Temporal, Git, Webpack, Sidekiq
Infrastructure:	Heroku, AWS, Docker	**Databases:**	PostgreSQL, Redis, MongoDB, SQLite, Knex.js
Project Mgmt.:	Agile, Confluence, Jira	**Styling:**	HTML5, Haml, CSS, Sass, Tailwind
Testing:	RSpec, Jest, Vitest	**Design:**	AdobeCC, Affinity, Figma
Methodologies:	REST APIs, OOP, TDD	**Frameworks:**	Ruby on Rails, ViewComponent, Stimulus.js, React.js, Redux.js, Next.js, Node.js, Express.js, jQuery

Experience

Software Engineer - TeePublic   2022 - 2023
- Led engineering from planning to QA, in partnership with product, design, and logistics teams, of an eCommerce feature that directly increased gross profit by 1%, GPAPA by 2.5 points, and net quarterly revenue by $1.04M.
- Diagnosed and corrected backend SQL indexing algorithms, eliminating timeouts and reducing query time by 91%.
- Reduced rendering time, improving Largest Contentful Paint (LCP) by 30% across the entire application.
- Drove ownership of frontend design-patterns and architecture through Rails ViewComponent modularization, increasing CircleCI test suite coverage of front end components by 8.5%, and modernizing legacy code.
- Cut CSS bundle size by 50% by leveraging best practices for Webpack and Sprockets asset management systems.

Junior Software Engineer - TeePublic   2021 - 2022
- Profiled, benchmarked, analyzed, and removed underperforming legacy dependencies, improving LCP by 1s (5%).
- Pioneered an approach to multivariate feature testing that accelerated turnaround time for experiments by 67%.
- Anticipated tech debt bottleneck and created thorough audit that shaved 1 week from the roadmap for its removal.

Volunteer Lead Engineer and Peer Mentor - Artists Who Code   2023 - present
- Mentored former performing and visual artists transitioning to careers in tech, coaching interview skills, pairing on portfolio development, and teaching fundamentals of Ruby on Rails.
- Leading a team (2 front-end, 2 back-end) developing an original app, incorporating real-world product processes to give newly transitioned engineers practical experience of professional team workflows.
    - *Xanadu* - In Development | Github private

        A TypeScript app empowering performers to maximize opportunities, using Temporal automation to scrape auditions, Knex to facilitate storage and search in PostgreSQL, AI parsing, and Next.js to present and sort.

Professional Actor - SAG-AFTRA, Actors' Equity Assn.   prior to 2021
- Performed in 50+ productions, including Tony Award® winning revivals of *Cabaret* and *The Real Thing*, *Seminar* on Broadway opposite Alan Rickman, network TV series, audiobooks, Toon Blast commercial with Ryan Reynolds.

Education

App Academy
- Intensive 1000+ hour software engineering program focused on fullstack software design. Acceptance rate: < 3%.
    - *MYTimes Wordcross* - Live Site | Github

        A single-page crossword puzzle app mirroring the New York Times Games, built with Ruby on Rails and PostgreSQL for the backend, React/Redux for the frontend, pixel-perfect UI/UX with HTML5, CSS, and Sass, secure user authentication with BCrypt and React Router, and a RESTful API.

The Juilliard School - Bachelor of Fine Arts, Drama Division