**Bryan Stark**

Software Engineer

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As a full stack software engineer, I am driven by a strong desire to create a meaningful and lasting impact through my work. With a background as a web designer in healthcare communications, I have gained valuable experience in collaborating effectively across teams and departments, designing for specific target audiences, and handling sensitive information. My greatest sense of accomplishment comes from implementing intuitive and comprehensive solutions. I am committed to utilizing my skills and expertise to deliver exceptional results and contribute positively to any project I take on.

**SKILLS**

**Languages** -JavaScript, TypeScript, HTML, CSS, Python, SQL, Mongoose, JSON, EJS, DTL, VBA

**Database/Other** - PostgreSQL, MongoDB, RESTful Routing, JSON api, AWS, VSCode, WordPress

**Libraries and Frameworks** – React, Express.js, Django, jQuery, Bootstrap, Tailwind, Materialize **Design** –Figma, Adobe:InDesign, Illustrator, Photoshop

**SOFTWARE DEVELOPMENT PROJECTS May 2023 - Present**

**Sneaker Closet |** [**App**](https://sneakercloset-bdd404a62af9.herokuapp.com/) **|** [**GitHub**](https://github.com/bryanstark1/sneaker-closet)

* Developed a web application that allows users to collate a database of sneakers, with add, edit, and delete capabilities.
* Made RESTful API fetch calls to MongoDB, with Express handling all CRUD operations on the backend.
* Built on Node.js, the backend of the app uses an Express framework and MongoDB database. Styled with CSS3 using flexbox layouts to build a responsive, mobile-friendly design.

**Inventory Tracker |** [**App**](https://sei-inventory-manager-c8b2fde1ac37.herokuapp.com/) **|** [**GitHub**](https://github.com/drios2023-ga/inventory-management)

* Utilized React.js components for the frontend of a single page application that compiles small-business inventory.
* Integrated Mongoose defined schemas for MongoDB collections on an Express server backend.
* Implemented authentication, enabling end users to create unique, personalized inventories.

**myRestaurants |** [**App**](https://myrestaurants-db1af5d71fe8.herokuapp.com/) **|** [**GitHub**](https://github.com/bryanstark1/myrestaurants)

* Used Django as a framework to build a full CRUD web application, allowing users to organize a custom list of restaurants.
* Served the back end using Python methods and functions utilizing PostgreSQL database management.
* Styled and created the visual aspects using Materialize, HTML5, and CSS3

**NoiseNebula |** [**App**](https://noisenebula.netlify.app/) **|** [**GitHub**](https://github.com/bryanstark1/noisenebula)

* Designed a SoundCloud style, music-sharing application using TypeScript to support both the frontend and backend.
* Applied S3 storage through Amazon Web Services for audio and artwork files and linked them to MongoDB objects.

**PROFESSIONAL EXPERIENCE**

**Web Designer**,1199SEIU Benefit & Pension Funds | New York, NY  **Jan 2023 – Present**

* Coded and debugged site content through WordPress, while testing and troubleshooting new features.
* Maintained searchable tables through TablePress including data and layout, using HTML5/CSS3 and JavaScript to provide optimal viewing experiences for targeted audiences.
* Redesigned and recorded web development team documentation, consolidating and organizing custom built HTML elements, CSS styling, and JavaScript/jQuery functions.

**Production Coordinator**,1199SEIU Benefit & Pension Funds | New York, NY  **Oct 2019 – Jan 2023**

* Configured, designed, and implemented over 500 email campaigns annually to reach 200,000+ members.
* Wrote Excel VBA macros to automate several processes, resulting in a 50% increase in efficiency for daily tasks.
* Regularly collaborated on projects across departments to ensure communications meet industry and legal standards.

**Production Assistant**,1199SEIU Benefit & Pension Funds | New York, NY  **Mar 2018 – Oct 2019**

* Coordinated with third party vendors to expedite high-volume mailings and prerecorded phone messages in order to relay urgent news/updates for over a quarter million members, medical providers, and employers.
* Maintained production calendar and project tracking systems, including mail dates, target demographics, and final samples.
* Elected to represent the Communications department as a company ambassador, assisting in the distribution of information and preparation for office relocation.

**EDUCATION**

**General Assembly | New York, NY**

*Software Engineering Immersive*

Full-stack software engineering immersive student in an intensive, 12-week, 480+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

**Southern New Hampshire University | Manchester, NH**

*Bachelor of Arts in Business Administration*