Shani N Brown

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Enthusiastic frontend-focused software engineer with almost 20 years of development experience. Trusting, team-building, creative, resourceful coder-leader producing scalable, reliable, tested, and reusable components.

SAMPLING of SKILLS

React Hooks, TypeScript, Cypress, Testing Library, Jest, Javascript, GraphQL, SASS, Git, Mobile, UX, Accessible

PROFESSIONAL EXPERIENCE

Lead Software Engineer, Senior Frontend Engineer   Dec 2020 - Jun 2023
Euna Solutions, GTY Technology, Chicago, IL, DemandStar, Seattle, WA (Remote)

- Lead peers to establish **Best Practices**, Coding, and **Testing Standards** to cultivate a collaborative culture.
  o Facilitated weekly Dev Chats among fully-remote team of engineers (no managers)
  o Proposed initial directory structure to organize code by independent application
  o Encouraged each developer to showcase work in weekly demos to sales, CS and marketing
  o Scheduled group **peer reviews** for large swaths of code around new products
  o Organized working sessions to learn new processes and tools
- Championed inclusion of frontend **tests** as part of acceptance criteria. Coverage increased from under 20% in January 2022 to over 45% in October 2022. Combination of **React Testing Library & Cypress**.
- Promoted and guided implementation of in-house **component library**.
  o Emphasized **reusability** and **scalability**, including how to identify common types
  o Wrote components using Styled Components, React Hook Form, Testing Library
  o Extended pagination component to support backend pagination
  o Improved Table component to use pagination
- Organized weekly project meetings for Contract Management (8 person team) and Contract Sharing (4 person team) projects, and published summary/action items to internal wiki to keep team accountable and ensure metrics were met.
  o Implemented **GraphQL**/urql with generated types for cohesive backend to frontend typing
  o Aggregated Awards data from new API and created nivo **visualization** graph of monthly spend
  o **Responsive design** for both the page and sections within (proven in future iterations!)
  o Utilized test data to layout the page with flex and styled-components
- Overhauled registration process, which included major changes to product selection screen, and converted state management from Redux to **Recoil** in order to increase revenue from subscriptions.
- Wore hats of project manager, designer, and engineering manager for Contract Management Go To Market which prepared existing clients to increase spending.
  o Created Figma mockups, wrote ADO tickets with acceptance criteria to decrease dev time and costs
  o Scheduled meetings and removed obstacles, ensuring against post-launch problems
- Engaged **engineering leaders** at Bonfire to adopt their best practices and evangelized them to DemandStar to create a seamless combined working environment.
- Sought opportunities and implemented improvements to Bonfire code, including upgrade to **TypeScript**
- Cataloged shared resources for the project to reduce redundancies.
- Created Figma mockups for Contract Sharing Dashboard and Details pages, and redesigned main header and lead design discussions with Product owner to enable continuation of product roadmap.
- Coded, tested, and launched Bundles, a revenue-focused enhancement for registration, in one week.
- Introduced team to **JSDocs** and contributed to **Storybook** for Library to improve our documentation.
- Added pre-populated values to antiquated renewals page, based on click origin, from three unique places to increase ease of upsell opportunities.
- Participated in a **DEI + B** program to improve creativity and performance across the company.

Senior Front End Developer   Sep 2019 - Nov 2020
CodeMettle, Atlanta, GA

- **Lead front end engineering** by establishing and documenting best practices, and running training sessions.

- Created and championed **component library** to increase speed to production and improve branding.
  - Implemented **React** and **TypeScript** environment with Jest and React **Testing** Library
  - Worked with DevOps to establish build and deployment **pipeline**
  - Built examples site showcasing components and wrote extensive **documentation**
  - **Mentored** and assisted over a dozen engineers in contributions and implementations
- Encouraged movement toward a product model, **better code quality**, and increased **FE testing**.
- Emphasized the importance of consistent UX, **collaborated with UI/UX Team**, and promoted use of library.
- Presented company-wide on both technical and cultural topics, including **tech forums** and facilitated in-house **leadership development** seminars.

User Experience Engineer   Oct 2018 - Sep 2019
Terminus, Atlanta, GA
https://github.com/shani-terminus
- Extended, maintained and enhanced **component library** in **TypeScript** and **Angular** 6, 7, 8. Integration tests using **Jest** had 100% code coverage. Supported tools library with templates, helpers and other utilities.
- Collaborated with UX and Product on design and functionality of new components and served as a resource for front end developers, and liaison to the business.
- Investigated and implemented sass-true to unit test **SASS** functions and mixins.

Senior Front End Developer   Jun 2016 - Sep 2018
SHL, Gartner, and CEB, Alpharetta, GA
- Implemented new component library and framework in **React and TypeScript** for use across products. Introduced unit testing into the development cycle. Assisted in researching tools for this restructuring
- Guided design with focus on combination of **mobile** experience and accessibility.
- **Coached** five developers on **Agile**, and spiritually led transition from Waterfall to Scrum.
- Worked with and contributed to in-house proprietary "Widget Framework" JS library.
- **Trained and mentored** other developers in the US and India.

Web Developer III   Apr 2015 - Apr 2016
Vonage Business Solutions, Atlanta, GA

Web Developer   Feb 2011 - Mar 2015
NBA Team Sites - Turner Broadcasting, Atlanta, GA
- Advocated and implemented user-centric **interfaces** for the admin screens, including Video Playlist Block and Player and Coach Biographies. Incorporated images, feed data and JS for improved user experience.
- Trained and mentored new employees and contractors. Contributed to internal wiki.
- Audited and implemented **accessibility** best-practices for users with disabilities.
- Rebranded and launched website for Charlotte Hornets. Coordinated with PM, BA, QA, structured data, ads, creative, analytics, and NBA representatives. Redesigned sites for Timberwolves, Nets, Blazers, and Kings.

User Interface Developer   Feb 2008 - Feb 2011
Delta Air Lines, Atlanta, GA
- Architected and coded an address object in OOP Vanilla Javascript, that utilized AJAX (DWR). This scalable **code is still in use today, essential to every credit card transaction and SkyMiles membership**.
- Developed the interfaces for Booking, Enrollment, Login, Dashboard, and Preferred Trips for the first public-facing project of the merger: Loyalty Integration with Northwest Airlines' WorldPerks program.
- Restructured Enrollment Tool that increased customer base, trimmed code and improved error reporting.
- Coded a multi-billion dollar, quick-turnaround project with AMEX for redemption of companion certificates.
- Revamped Awards application from two tiers to three. Increased performance and improved the user experience. Implemented a Legal Department-mandated redesign in one day.

EDUCATION
Bachelor of Science & Bachelor of Arts   American University, Washington, DC   Magna Cum Laude