Chester Millisock Jr

Staff Software Engineer / Tech Lead

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Skills

- Front End Architecture
- Leading Development of Complex Front End Systems
- Javascript/Typescript (17 years)
- Cross-org collaboration

- React
- NodeJs
- HTML/CSS
- Unit testing
- APIs and networking

- Performance
- Scalability
- Customer obsessed
- Ambiguity navigation
- Code reviews and mentoring

Professional Experience

Compass ◦ Staff Software Engineer   **September 2020 - Present**

Tech lead on Service Desk, 1 of 4 flagship projects for the company after IPO. Led 3 teams with a total of 24 engineers in building the platform. Designed and implemented a large portion of the front end, provided technical direction for the back end. Contributor in creating the next iteration of front end architecture at Compass. Drove initiative to improve unit test coverage across Compass Front End codebases. Member of "Front End Leaders" program and "Interview Leaders" program, improving interview process throughout Compass. Mentor to several engineers.

- Led Front End architecture and development for 3 teams with a total of 24 engineers for Service Desk platform
- Increased company-wide front end code coverage from ~30% to ~70%

Compass ◦ Senior Software Engineer II   **November 2019 - September 2020**

Tech lead on Digital Comparative Market Analysis, 1 of 5 flagship projects for Compass leading up to IPO. Drove initiative to improve Front End interviewing process across Compass. Collaborated with multiple teams across orgs to create a hub for users to see all of their content created on the platform. Mentor to several engineers.

- Led team of 8 engineers in designing and implementation of the Comparative Market Analysis project
- Performed over 200 technical interviews
- Improved performance of a critical component. Improved Time To Interactive from > 20 sec to < 1 sec

Compass ◦ Senior Software Engineer   **March 2019 - November 2019**

Created Compass' Building Page, migrated multiple outdated applications to a modern tech stack (Typescript/React/NodeJS), fixed several complex long-standing bugs. Contributed to several cross-org projects.

- Implemented a bugfix in Amazon's AWS javascript SDK, resolving bug responsible for 100k+ js errors on Compass.com
- Added Google Street View to 1M+ Compass Listing Pages

Zillow ◦ Front End Software Engineer   **January 2014 - February 2019**

Led next iteration of Zillow's contact form, a component critical to the company. Developed a tool used by all software engineers to deploy and promote code through test environments up to production. Helped to implement a platform that allowed renters to apply to rental listings on Zillow. Developed new and improved existing chart components using D3.js. Migrated various components from YUI to React. Championed javascript unit tests. Implemented countless React components. Won multiple Hack Week competitions. Mentored several engineers and interns.

- Designed and implemented a new iteration of Zillow's contact form, which generated 90+% of Zillow's revenue.
- Increased team's front end code coverage from ~30% to ~90%
- Co-founded and elected President of Zillow's black/African American employee resource group

Amazon ◦ Web Development Engineer   **December 2011 - January 2014**

Led the development of the Kindle detail pages on Amazon.com. Implemented new features, fixed critical bugs.
Expanded yearly when new devices launched, as well as onto international Amazon websites. Trained up several backend
engineers into front end development best practices.

- Led the design and implementation of front end system for serving up Kindle device page content
- Implemented various systems for international Kindle expansion into China, Japan, India, Canada, and Brazil

Penske ◦ Programmer/Analyst   **June 2011 - December 2011**

Maintained mobile and desktop web applications: pensketruckrental.com

The Bravo Group ◦ Web Application Developer   **December 2010 - June 2011**

Built various web applications using APIs: Twilio, Twitter, YouTube, Google Maps

Clark Associates ◦ Web Developer   **February 2010 - December 2010**

Created a new e-commerce site from scratch, The Restaurant Store (therestaurantstore.com). Implemented credit card
processing system, product database, and caching.

Automated Financial Systems ◦ Programmer Analyst   **June 2007 - February 2010**

Maintained the core front end development framework used by other engineers. Built an internal ajax web application
that streamlined our code commit process

Progressive Business Publications ◦ IT Specialist   **August 2005 - June 2007**

Instrumental in introducing ajax to the company. Built and maintained various ajax web apps. Re-engineered existing DB
tables and stored procedures

Education

Houghton College   **2001 - 2005**

Bachelor of Science – Major in Computer Science and Minor in Mathematics
Member of Sigma Zeta, Mathematics Honor Society