Joshua Callender

Staff Software Engineer
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Technology

Languages
TypeScript / JavaScript, SCSS/CSS, SQL, Python, Ruby, PHP, C / C++

Frameworks
React, Next.JS, Sass, Node.JS, GraphQL, JSCodeshift, Storybook, Lerna, Webpack, Cypress, Puppeteer, Selenium, …

Tools
NPM, Yarn, Lerna, NX, Turborepo, ESLint, Jest, Artifactory, S3, CloudFront, EC2, Firebase, GitHub, Google Analytics, Photoshop, Figma, Illustrator, …

Open Source Contributions

Storybook: Viewport Plugin

Lead Full Stack Engineer

Gantry
5/20/23 - 8/19/23
- Led Assets and Data Models team; designed API for new Evaluations product

- Created design system and component library, improving UX consistency

- Mentored engineers on technical and soft skills growth

Senior Staff Software Engineer

Lyft
7/15/2015 - 9/28/2022
- Technical Lead for Frontend Developer Experience; defined roadmaps and presented them to leadership, broke down projects, and organized work across orgs and teams

- Founder of Frontend Working Group, a committee created to organize web and web developers at Lyft

- Defined the frontend role at Lyft with leadership, created calibration and leveling guides for the role

- Architect and creator of @lyft/service. An installable package and plugin system create the foundation of internal tools and user-facing products.

- Speaker at NextJS Conf 2020 on @lyft/service's architecture for 50,000 virtual attendees, Speaker at NashJS discussing developer tools

- Hiring Committee Member: Reviewed candidate interview packets with senior leadership to make hiring decisions for engineering and engineering management roles. Defined frontend role interview questions, onboarded new interviewees, and helped recruiters balance interviews throughout engineering.

- Founded four teams at Lyft: Frontend Platform, Frontend Developer Experience, Frontend Libraries, and Infrastructure UX.

- Created and maintained multiple generations of Node.JS core infrastructure. This architecture update yielded a 10% increase in conversion by improving load times from 15s to <1s on the user acquisition page.

[Cookie Dough](#)
[Rendr](#)

Education

Ohio University
Bachelor of Science
Computer Science - 2007

- Co-founder of the Frontend Mentorship program at Lyft; this program would help match mentees and mentors. Eventually, it became the mentorship program at Lyft, where I was a web representative.

- Designed and developed a system, Legoland, to share React Components and Libraries, unifying the developer experience at Lyft and improving the user experience with a consistent visual narrative.

- Owned and maintained the Amazon Web Services configuration for web properties (IAM Roles, S3, CloudFront)

Senior Software Engineer

Change.org

6/2013 - 7/2015

- Architected platform based on Rendr and NodeJS to improve performance and SEO results

- Improved developer productivity by 50%, and site performance by leading migration from Rails monolith to NodeJS and Rails microservices

- Onboarded 20+ engineers to Rendr, creating tools, documentation, and learning programs to adopt and migrate to new tech stack quickly

- [Speaker at SFJS meetup](#) focusing on Universal JavaScript

Web Engineer

Imgur

3/2012 - 6/2013

- Designed and developed core features: Comments, Replies, Notifications, and Messaging

- Refactored PHP backend; metering API to create a new revenue stream and wrote [documentation](#)

- Defined and implemented an agile development process, increasing developer productivity and communication

- Led migration from Subversion to Git, reducing code storage costs and adopting a better technology

- Created first Imgur mobile application using PhoneGap

Co-Founder

Betaware Mobile

6/2011 - 3/2012

- Responsible for all engineering and development

- Setup AWS infrastructure; automatically scaling on demand

- Created tablet-based restaurant menu system for Applebee's; UI to create menus and enter nutrition information; interfaced with FDA database to gather deeper metrics, designed and manufactured custom Android tablets, custom build of Android OS to run menu software.

- Designed and created API / Database schema

Technical Software Lead

Thermopylae Sciences and Technology

5/2009 - 6/2011

- Technical Lead for the business development team

- Worked with 902nd MIlitary Intel Group, Commander of Navy Installations Command (CNIC), Department of State, and Google

- Met with customers for requirements, architected and implemented fast turn around prototypes for demonstrations

- Ubiquity Technical Leader - Created PostGIS database to create turn by turn directions

List Programmer

RR Donnelley

12/2007 - 5/2009

- Responsible for parsing and normalizing customer data for mass mail marketing campaigns

- Reduced operational costs by 300% by improving the core data structures and sorting techniques

- Developed and optimized Perl scripts to improve performance when normalizing customer data