

# Katrina Sylor-Miller

Experienced, passionate, well-rounded front end architect with full stack capabilities and an eye for design. Accomplished writer, speaker, and leader.

## EXPERIENCE

### **Etsy**, Brooklyn, NY — *Staff Engineer, Frontend Systems*

11/2015 - present

Led project to improve front end performance on mobile web that improved conversion and resulted in \$4.6MM annualized GMS growth. Built tools to identify and visualize unused Javascript and CSS code.

Owned all technical aspects of internal Design System: wrote and documented reusable, accessible JS and CSS components, planned and executed sitewide changes to global design elements using data-driven experiments.

Proposed, researched, and oversaw implementation of multiple projects to improve frontend architecture, dependency management, performance logging, mobile detection, and reusable component architecture.

Elected first co-chairperson of Women in tech employee resource group. Mentored junior and senior engineers.

Served as point of contact for general frontend development questions company-wide. Organized accessibility task force to evangelize best practices.

### **Constant Contact**, Waltham, MA — *Sr. Frontend Developer, UX*

3/2015 - 11/2015

Tech led internal Design System: collaborated with Product Designers to develop and test new components, maintained style guide documentation.

### **EF Education First**, Cambridge, MA — *UI/UX Technical Lead*

4/2009 - 3/2015

Led development of new, mobile-first, responsive, multi-product website which resulted in a 150% year-over-year increase in conversions.

Collaborated with cross-functional team of Product Owner, UX & UI designers, Server-side Developers, Business Analysts, Marketing, and Sales stakeholders.

Oversaw technical work of team of 6 Front End Developers. Established front end code architecture and standards.

### **Miller Systems**, Boston, MA — *Frontend Web Developer*

6/2008 - 4/2009

### **Harvard University FAS**, Cambridge, MA — *Webmaster*

8/2004 - 6/2008

## EDUCATION

### **Harvard University Extension School**, Cambridge, MA — *Bachelor in Liberal Arts, cum laude*

6/2008 - Computer science major, Anthropology Minor

**Academic Honors:** Reginald H. Phelps Prize for Outstanding Academic Achievement (Salutatorian), Dean's List, Phi Beta Chapter of Alpha Sigma Lambda National Honor Society.

## CORE COMPETENCIES

Frontend architecture  
Web performance  
Accessibility  
Agile/scrum methodology  
Teaching and mentoring

## SPEAKING

### **Putting the T in Team**

FrontendConf.ch 2016

<https://vimeo.com/181329000>

### **Getting out of your Git Messes**

O'Reilly Fluent Conference 2017

<https://bit.ly/2MT2f4y>

### **Raiders of the Fast Start:**

#### **Frontend Performance**

#### **Archaeology**

Perf Matters Conference 2018,

O'Reilly Fluent Conference 2018,

Performance.Now() 2018

<https://bit.ly/2pslp8m>

### **Images for Everyone: Making Media Accessible**

ImageCon 2018

<https://youtu.be/slvopzI7XTg>

### **Happy Browser, Happy User**

PerfMatters Conference 2019

[https://youtu.be/VAKD\\_Ob0XTQ](https://youtu.be/VAKD_Ob0XTQ)

### **Visual Git: Filling in the Gaps**

Smashing Conference 2019

<https://vimeo.com/331572343>

## WRITING

### **The Design Systems Handbook**

<https://www.designbetter.co/design-systems-handbook/>

### **The Pastry Box Project**

<https://the-pastry-box-project.net/baker/katie-sylor-miller>

### **Oh Shit, Git!**

<http://ohshitgit.com>