

# Sasha Klein

## Senior Full Stack Engineer & Manager

Full-stack **engineer** and engineering **manager**, comfortable with a **wide range of technologies** and experienced **leading teams** and running **projects**.

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## PROFESSIONAL EXPERIENCE

**Director of Engineering / Lead Engineer** • Dec 2015 - Present

[Blink UX \(blinkux.com\)](#) / [Redshift Digital](#) • San Francisco

I've worked in two main roles at UX research/design firm BlinkUX (and Redshift, acquired 2018, before that). (1) As Lead Engineer (2015-2018), I:

- Designed, built, deployed, and managed **6 web and mobile apps** using **React/Redux, React Native, Node/Express, Rails, AWS**, and multiple external APIs.
- Led team and managed client for the dev team's **2 largest projects**.
- Developed **Test-Driven Development** patterns, and built several **open-source NPM packages** to share tools across projects.

(2) As Director of Engineering (2018-present), I:

- Architect **custom technical solutions** for a diverse set of clients, and coordinate and **mentor** remote and local engineering teams to **build, manage, and deploy** that work.
- **Pitch** and **manage client relationships** for projects adding up over a million dollars of work per year.
- Strategize to determine role and focus of Blink's engineering team, and **develop management processes** to constantly improve quality of work.

**Technical Co-Founder** • Dec 2014 - Aug 2015

[PlanIt](#) • San Francisco

My brother and I co-founded PlanIt, a hub for social travel recommendations, to help travelers turn trusted recommendations into visually compelling itineraries for planning and sharing adventures.

- Integrated **Rails** and custom **AngularJS Single-Page App**, with Leaflet maps, Pusher for real-time **WebSockets** updates, and significant **internationalization**.
- Applied TDD to the Rails backend and handmade SPA architecture (**Jasmine**).
- Built **natural-language processing** scraper to convert various article formats into place data.
- Built and **thoroughly tested** robust **backend** of "completers" which would receive incomplete information from a scraped website, triangulate the likely location using the **Foursquare, Yelp, and Google Maps APIs**, and supplement any missing data.

## Full Stack Course Director / Engineer • Feb 2013 - Oct 2014

Bloc ([bloc.io](http://bloc.io)) • San Francisco

At Bloc, a leading online development bootcamp, I had two main roles. (1) As full-stack engineer, I built out the core web application:

- Built main curriculum tools, authentication framework, **cross-timezone, recurrent scheduler** for mentor-appointments and **Meteor chat application** for "office-hours".
- **Orchestrated key codebase migrations**: From group classes to personal mentorship, 1 curriculum to 5, and 1 to multiple "track lengths".

(2) As Full Stack Course Director, I:

- Added **test-driven-development** and debugging sections and reworked Ruby "fundamentals."
- **Hired, managed, and trained ~50 international mentors**. More than **doubled the mentoring team** and simultaneously **raised student NPS scores**.
- Defined and built key course tools: Stack-Overflow-based QA system and resource library.

## Co-Founder and Developer • June 2012 - Mar 2013

MeatUp • San Francisco

MeatUp was my first self-driven coding project, a **custom e-commerce** tool built in Rails for local community meat-sharing. Individuals ordered specific cuts of a specific animal at a ranch. When enough was ordered, we'd purchase the animal and coordinate butchering and distribution.

## EDUCATION

Bloc • San Francisco

Full Stack Web Development (Ruby on Rails, JavaScript) • 2012

Harvard University • Cambridge, MA

English BA (Cum Laude) • 2007-2011

## SKILLS

React/Redux • Ruby/Rails • Engineer and Client Management • AWS / Serverless Architecture • Test-Driven Development (TDD) • JavaScript / ES6 • PostgreSQL/RDS • Angular • Agile • React Native • Node • Express • JAMstack