

# Caroline Tierney Marcks

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**Languages** Javascript (React, Node.js, Typescript, Flow), Ruby (Sorbet), Java, Scala

**Other Skills** Project management, Git, SQL, SOA, Event processing, GraphQL, AWS, Unit testing

**Interests** Rapid prototyping, Creating clarity & reducing ambiguity, Infrastructure as Code, Mentorship

## **Experience** **Stripe, Treasury & Issuing — New financial products**

### **Software Engineer — Sept '19 - Present**

- Managed a 5 person engineering team working the dashboard Treasury product from Jan '22 - Aug '22. Worked with product management to create and execute on the team roadmap, created buy-in from stakeholders and dependencies, managed performance of team members. Hired and onboarded 1 engineer. Under my leadership the team:
  - Prototyped an application of Treasury for a new market (Standard Connect); brought it from conception to alpha with live users in <1Q.
  - 4x'ed onboarding of the dashboard Treasury product by automating the invitation and eligibility assessment flows.
  - Rebuilt the Stripe Corporate Card product and migrated its user base to new infrastructure in order to meet company goals around security and multi-region/disaster recovery support.
- Led 3 engineers in building an integration with Evolve Bank & Trust to power ACH money movement, VBAN management, and more for the alpha version of Stripe Treasury.
- 10x'ed monthly deposit volume for the dashboard Treasury product through a new account funding flow.
- Led a product manager, designer, and 4 engineers in the creation of a dashboard transaction list in order to unblock a beta of the dashboard Treasury product. Proposed and implemented a backends-for-frontends model to unify multiple API data sources that were rapidly changing shape as Treasury neared general availability.
- Prior to being team manager, was de-facto tech lead. Mentored & coached team members on project management, performance concerns, and goal setting.
- Identified and scoped improvements to an unstaffed internal test data creation tool as a means to increase developer productivity. Led a group of new Stripes to implement said improvements. After our proof of concept, Stripe staffed a 5 person team around this tooling.

### **Meetup, Developer Platform**

#### **Staff Software Engineer — Aug'18 - May'19**

#### **Senior Software Engineer — Jul'17 - Aug'18**

- Served as Engineering Lead for the API platform team. Scoped and prioritized the team's work, and was the technical go-to for API related questions and decisions.
- Researched, decided, and execution on a new API strategy to move Meetup away from a monolithic API to a system where teams independently owned and operated their own API infrastructure. Created underlying platform and tooling for REST API endpoints backed by lambdas with canaries and automated rollbacks. Built starter kits with AWS SAM templates.

- Partnered with the mobile apps team to prototype a GraphQL API and explore whether using the technology could solve problems for our mobile engineers.
- Participated in a working group to create Meetup Engineering's Architecture Principles.
- Migrated the monolith to Amazon SQS from self-hosted RabbitMQ for worker queue needs.
- Mentored junior and newly senior members of the Developer Platform team.
- Interviewed engineering candidates for senior, staff, manager, and director roles.

### **Meetup, Member Engagement**

**Senior Software Engineer** – Nov '15 - Jul '17

**Software Engineer** – Jul '14 - Nov '15

- Served as engineering lead for the member engagement team. Worked jointly with the Product Manager to scope and prioritize the team's work.
- Oversaw development of a new API for Meetup's new web platform and redesigned apps.
- Owned and operated the Meetup notifications platform, which sends out ~20M notifications/day.
- Built a new system that personalized content and delivery times. Scaled the new platform out to all pushable members, which included a move of the system from a datacenter to the cloud.
- Grew RSVPs, a top line business metric, by implementing notifications for recommended events.

**Education**      Tufts University, School of Engineering  
Bachelor of Science in Computer Science, Summa Cum Laude

**Hobbies**        All things crafty: furniture making / upcycling, fiber crafts.  
Food science — currently experimenting with fermentation in the form of hopped kombucha