

BRIAN MASON

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- SUMMARY** Software engineer with 10 years of experience designing, building, maintaining, and migrating high-availability backends with millions of users and billions of dollars of annual revenue. I enjoy working with design, product, customer experience, and engineering to design and architect new APIs, decrease technical debt, and support major product launches.
- WORK**
- Senior Software Engineer, Airbnb**
March 2018 – October 2023 | San Francisco, CA
- Led working group to architect new GraphQL-based write APIs for listings, reservations, users
 - Singlehandedly migrated cohosting and global phone number verification to new APIs, including dashboards, read/write migrations, integrating with many other services – saving the company millions of dollars and decreasing new bug tickets by over 50%
 - With my team, migrated listing management backend out of Ruby monolith while maintaining backward compatibility and achieving an ~8x speedup while decreasing bug debt
 - Collaborated with design/frontend/mobile teams to update products for major launches
 - Investigated numerous incidents, receiving multiple appreciations from incident managers and engineering teams for leading root cause investigation and handling delegation
 - Presented to other engineering teams on best practices for Rails to microservice read/write migrations
 - Mentored junior engineers
- Software Engineer, Josephine**
March 2016 – January 2018 | Oakland, CA
- Built online platform for cooks to sell their food to their neighbors and community
 - Worked with CEO, head of product, engineering to design and implement features end to end
 - Led engineering direction of the company after CTO left and helped hire new talent
 - Build backend to support expansion into markets beyond the Bay Area
- Software Engineer, Apcera**
March 2015 – March 2016 | San Francisco, CA
- Built the Apcera Web Console
 - Collaborated closely with design and UX teams to create good user experiences
 - Contributed to internal libraries
 - Built visualizations using D3.js
- Freelance Software Engineer**
August 2014 – March 2015
- Collaborated with remote team to build a large CRM app using Rails and Ember.js
 - Created web site backed by Nestio data for real estate company in New York
- Software Engineer, Causes/Brigade**
September 2013 – August 2014 | San Francisco, CA
- Added features, fixed bugs, and maintained Causes, one of the world's largest online campaigning and advocacy platforms
 - Built Sinatra-based HTTP service using Sidekiq for asynchronous filtering, digesting, rendering, and sending of millions of messages per hour to our users over multiple mediums, including email and push notifications
- TECHNICAL** Kotlin, Java, Ruby, Rails, React, API Design, Testing Frameworks (RSpec, JUnit, Mocha, Jasmine), HTML/CSS, SQL, git
- EDUCATION** B.A. Carleton College, 2005-2009, Northfield, MN / App Academy, Summer 2013