

# Matthew Bilyeu

Software engineer with >10 years of experience, focused on communication and simplicity.

Philadelphia, PA  
[matthewbilyeu.com/blog](http://matthewbilyeu.com/blog)  
[matt@matthewbilyeu.com](mailto:matt@matthewbilyeu.com)  
[matthewbilyeu.com/resume](http://matthewbilyeu.com/resume)

## EXPERIENCE

**Datadog, Senior Software Engineer,** SEPTEMBER 2022 - PRESENT

- Leading projects on the AAA Access team, which handles authorization for all requests to the Datadog web app and API
- Led a team of five engineers through manager's parental leave; owned sprint planning, roadmap prioritization, and stakeholder communication.

**Flexport, Senior Software Engineer,** MARCH 2021 - AUGUST 2022

**Flexport, Software Engineer II,** JULY 2019 - MARCH 2021

- Collaborated with other teams to architect systems around shipment execution and work management, enabling our next-generation freight forwarding app
- Architected and built MVP of a network-isolated Ruby on Rails service for structured freight business procedures, enabling automation

**Stitch (acq. by Talend), Senior Software Engineer,** FEBRUARY 2018 - JULY 2019

**Stitch, Software Engineer,** AUGUST 2016 - FEBRUARY 2018

- Technical lead of a multi-quarter exploratory project to serve enterprise users' advanced data orchestration needs
- Architected and built a distributed scheduling service to manage triggering thousands of periodic Kubernetes jobs

**RJMetrics, Software Engineer,** APRIL 2014 - AUGUST 2016

- Wrote a scalable publish-subscribe notification system in Clojure to alert customers about important updates to their accounts (~10k messages/min)
- Contributed to the analytics dashboard app using AngularJS, HighCharts, PHP, and Redis

**EWA, Software Engineer,** JULY 2012 - APRIL 2014

- Maintained, extended, and tested real time radar control simulation systems written with C++ and C# in Linux and Windows environments
- Designed and implemented UI for aircraft trajectory and digital signal processing display programs

## EDUCATION

Georgia Tech, Computer Science, M.S., 2017 - 2021

Drexel University, Computer Science, B.S., 2007 - 2012

## CURRENT

Modern web development  
Go  
Python

## PREVIOUS

Ruby on Rails (w/ Sorbet)  
Java with Spring Boot  
gRPC  
GraphQL  
JavaScript ES6 (w/ Flow)  
React  
Clojure  
AngularJS 1.X  
C++  
C# / .NET