



Howdy, I'm Bryan Fillmer.

I am a father, husband, entrepreneur, long-time software engineer, and occasional fisherman.

I own a software development consultancy, Fillmer Innovation Group (FIG), under which I have been running development teams, both my own and on behalf of clients, for the past seven years.

In addition, I help others with their management and leadership journeys, write about software development, architecture and process; and generally poke around into whatever interests me.

(303) 715-8289

bryan.fillmer@gmail.com

www.bryanfillmer.com

Recent Projects at Fillmer Innovation Group

MVP for FinTech Startup

Built a team to develop and design a product to perform real-time geo-location checks at the time of a credit card transaction. This MVP project leveraged a distributed tech stack consisting of Kafka, Java, Javascript (Node/React), Redis, and Postgres.

- Worked with the CEO and Product Owner, the only two employees of the startup, to refine the product vision.
- Assembled the four person (+myself) development team.
- Outlined data and user flows throughout the system.
- Managed the development work in four week iterative cycles, always having a functional prototype at the end of each cycle.
- Interfaced with management and developers at credit card processing partners.

No-Code Migration for Solar Panel Mount Manufacturer

The client is a just-in-time custom solar panel mount manufacturer. They have component pieces that can be configured by the customer as-needed for the job. To date they were making use of no-code tools and integrations to build out workflows, but have quickly reached the point of needing something custom.

Looking to distribute the cost over time, we settled on a “sorta no-code” solution, in which we build out custom integrations that interact with their no-code solutions and migrate them to a custom piece of software, while simultaneously vetting their workflows in real-time.

Currently their stack consists of Monday, WooCommerce, SendGrid, SkyCiv, Konfigear, and custom Node.js and data stores on AWS.

Legacy Rewrite for Supplier of Digital Media to Libraries

The customer is one of the largest suppliers of digital media to libraries in the United States. Their e-commerce solution, a legacy system built with Java, needed to be replaced. When I joined the project things were a bit behind, there had been some some flux with personnel.

I originally came on board to lead the team of front-end engineers. I quickly expanded my role to also include managing the back-end team, through their lead, and effectively managed overall development progress.

This consisted of interacting with the product owner on a daily basis, increasing the transparency of how we tracked our work, and keeping the front and back-end teams in sync. I pulled double duty as I continued to perform code reviews and mentor the front-end team of four.

Tech stack consisted of React for the front-end and a Java-based API for the back-end. After go-live we began migrating to GraphQL to clean up legacy data issues we had kept during our original rewrite in the interest of going live.

CA Technologies - Engineering Team Lead

November 2016 - May 2017

Assembled a fresh UI team to transition the [Yipee.io](https://yipee.io) platform from an Angular 1.x prototype to a scalable React front-end.

Yipee was a member of the accelerator program within CA, essentially internally funded startups. Yipee's core product was a visualization tool for Docker systems that would allow the creation of Docker Compose configurations from within a UI.

When I came on board an Angular 1.x prototype had been build by some interns to demonstrate the basic functionality. For production we wanted a React front-end with GraphQL back-end.

Effective UI - Engineering Team Lead

August 2015 - October 2016

Effective UI (now Effective Inc., an Ogilvy company) is a digital experience agency. I came on board to run one of their development teams working with React and Angular prototypes to create whatever was necessary for individual clients.

Clients were a mixed bag of healthcare and financial businesses. We worked on prototype and MVP UIs that would later be handed to internal teams at these companies for production implementation.

Various Businesses - Software Engineer

January 1999 — June 2015

I have been active in software development since 1999. I originally learned the basics, HTML and CSS, quickly moving on to ASP (pre-.NET) and PHP. Even some Coldfusion and Flash work.

Over this time period I worked for several development and design agencies in both Alabama and Colorado. While the experience I earned at these jobs is invaluable, the technologies I used are largely unused today.