

Andrew T. Poe

I love solving complex business problems, usually with code.

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EXPERIENCE

Decisiv Inc, Glen Allen VA (Remote) — Software Engineer

May 2016 - PRESENT

I was initially tasked with full-stack development tasks on a monolithic Ruby on Rails/ Angular JS application. This included adding new features, integrations, and resolving issues as they arose.

In the spring of 2017, I transitioned to a newly formed UI development team where I have helped build numerous complex applications in React JS. These applications used both REST and GraphQL APIs and included several product offerings, an internal style guide, a design system, and numerous internal and open-sourced JavaScript (and TypeScript) packages. This work included both team-based and squad-based (cross-team) projects, some of which I led the UI development for.

BREWPUBLIK, Charlotte NC (Remote) — Software Engineer

January 2016 - April 2016

I developed an administrative application for internal business users in React JS that allowed easy access to customer data and reporting tools.

POE Innovations LLC, Charleston SC — CEO, Software Engineer

June 2014 - April 2016

This was a technology company that I founded with two primary objectives: learn about building a business and learn about building software. Work here consisted of two projects:

1. An algorithm (written in Python) that evaluated wholesale inventory data against Amazon product data to predict profitable products. This algorithm helped to direct product purchase decisions for an Amazon storefront.
2. A SaaS application (written in Ruby on Rails) named Flat Rate Tracker. This service helped automotive technicians track their earnings and verify they had been paid correctly. The service was launched publicly and did get some subscribers, but the MRR was insufficient to warrant the attention the project required.

ONLINE

github.com/andrewtpoe
[linkedin.com/in/andrewtpoe](https://www.linkedin.com/in/andrewtpoe)
medium.com/@andrewtpoe
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SKILLS

HTML, CSS, JavaScript, ARIA, TypeScript, ReactJS (+ ecosystem), GraphQL, REST, Node JS, Postgres, SQLite, Git, Full Stack Web Development, Functional Programming, Test Driven Development

Hendrick Honda of Charleston, Charleston SC — Automotive Technician

April 2008 - May 2015

A.S.E. Master Certified and Hendrick Master Certified. Performed all types of services and repairs on vehicles.

PROJECTS

Styled Components Modifiers — BEM-flavored conventions in your Styled Components.

<https://www.npmjs.com/package/styled-components-modifiers>

styled-components is a superb CSS-in-JS tool. *BEM* is a wonderful CSS convention. *styled-components-modifiers* allows you to combine the best of both worlds. This is a library I developed for Decisiv that was then open sourced. When I last looked it had over 115k downloads.

Key Design System — The design system for Decisiv, built with Styled Components.

<URL to be added when available>

Decisiv has had a long running effort to modernize their applications. This design system was a concerted effort to create a standard toolkit for building new single page applications and updating older applications that are a part of the core monolith. This project is not true “open source” as it is managed according to requirements set by the company, but it is freely available for use by anyone.

Styled Components Reactive Grid — A CSS flex based grid library with component level responsiveness.

Internal at Decisiv, closed source (for now...).

A grid component library built with *styled-components* and *styled-components-modifiers*. Implements best practices from CSS flex, Legos, etc... Most interesting is the *ReactiveContainer* component that allows responsive styling based on the component size instead of the window size. This is an internal library I maintain for Decisiv.

Redux Flight Control — An API request status management system for Redux

Internal at Decisiv, closed source (for now...). The technique is described in [this series of blog posts](#).

A library used for tracking, deduping, error handling, and response processing of asynchronous API calls. This tool turns a complex series of actions, repetitive reducers, and status flags into a store subscriber that allows asynchronous API calls to be dispatched like any other Redux action. This is an internal library I maintain for Decisiv.

EDUCATION

Self Education

Perpetual

I firmly believe in continuous self-education and personal improvement. To that end, I am always engaged in learning new skills through articles, books, online courses, tutorials, and personal projects. I learn best when I am hands-on in a new project or technology.

The Iron Yard, Charleston SC — *Ruby on Rails Engineering*

June 2015 - September 2015

Coding boot camp teaching full stack web development techniques and technology with a focus on the Ruby on Rails framework.

Trident Technical College, Charleston SC — *Computer Programming*

September 2013 - May 2015

Enrolled in computer programming courses part-time online. Opted to attend coding boot camp instead of completing the associates degree.