Arthur Kauffman

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SUMMARY

Experienced full stack software engineer based in NYC. Co-creator of Campion (campion-breaker.github.io ⧉), a drop-in, cloud deployed circuit breaking application for external services. Fully competent in front end and back end, Ruby and Javascript, and all things AWS.

EXPERIENCE

Co-Creator, *Campion*   2020 — present
- Co-created Campion, a black box circuit breaking framework.
- Prototyped and developed the CLI tool using Node.js.
- Built a middleware proxy to inject circuit breaking protection into the request-response cycle.
- Designed the app to be optimized for edge compute in order to minimize latency concerns.
- Developed a React frontend to display metrics.
- Automated user deployment to Cloudflare Workers and AWS Lambda@Edge.
- Collaborated daily with a fully remote team of engineers.
- Authored Campion's case study: campion-breaker.github.io/case-study.html ⧉ .

Software Engineer, *Self-Employed*   2018 — 2020
- Created many open-source projects using Javascript, Node.js, React, Redux, Express, Ruby, Rails, Sinatra, Mongo, SQL, HTML, and CSS, including:
- Dayllo - a Trello clone built with Rails, React, and Redux.
- Flying - an interactive visual web app for viewing and filtering airline routes built with React and bootstrapped with Create React App.
- Tickets - a ticket management system built with Rails 6 and PostgreSQL.
- Todos - a todo app built with Node.js, Express, JavaScript, jQuery, Handlebars, HTML and CSS.

Educator, *Various Public High Schools*   2015 — 2020
- Taught 5+ daily classes of high school English literature to general/special education learners in Baltimore and NYC.
- Organized student Chess Clubs, founded the Teacher Buddy Mentorship program, significantly increased student performance and after-school program attendance.

Web Developer, *Freelance*   2008 — 2015
- Utilized Linux, Apache, MySQL, and PHP to develop clean, modern, mobile-first responsive websites that prioritized speed, simplicity, and brand narrative.
- Built, deployed, and hosted 20+ business and e-commerce sites for small businesses using Wordpress, MODx, and Drupal.

EDUCATION

M.Ed. Special Education, *University of Pittsburgh*   2015

B.A. Literary Studies, *Bethel College*   2014

SKILLS

Backend	**Frontend**	**Tooling**	**Cloud**
Node.js, Express, Ruby, Rails, Sinatra, PostgreSQL, MongoDB, MySQL, REST APIs	*JavaScript (ES6), React/Redux, HTML/CSS, jQuery*	*Git/GitHub, Docker, Linux, SSH*	*AWS, Cloudflare, Linux servers, Heroku*