

Arthur Kauffman

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SUMMARY

Experienced full stack software engineer based in NYC. Co-creator of [Campion](https://campion-breaker.github.io) (campion-breaker.github.io), a cloud deployed circuit breaking application for external services. Fully competent in front end and back end, Ruby, Python, Javascript, SQL, and all things AWS. Passionate about solving problems and making systems and teams work better.

EXPERIENCE

Senior Software Engineer, Aledade 2021 – present

- Improved and maintained a Python backend data ingestion service that processed 100k+ patient stay event records per day
- Integrated an internal service with a client-facing legacy app, mapping worklist entries to tasks in order to track state over time
- Collaborated with teams across specialties to design and build a data pipeline to ingest provider data and store in Snowflake data warehouse
- Decreased time to first load in frontend app by off-loading parts of state management to local storage
- Converted parts of a legacy Angular.js app to Typescript, Vue, and Vuex

Software Engineer, Campion 2020 – 2021

- Created Campion with a small distributed team, an open-source framework to enable rapid circuit-breaking functionality in service-oriented architectures
- Features include: architecture protection, failure resiliency, micro-service compatibility, auto deployment and compatibility with Cloudflare Workers and AWS Lambda@Edge, React/Redux frontend with traffic metrics and error reporting
- Campion case study: <https://campion-breaker.github.io/case-study.html>

Software Engineer, Open Source Contributor 2018 – 2020

- Designed, developed, and deployed open-source software, including: APIChoke - an API test tool using Mongo, Node, and Express; Dayllo - a drag and drop kanban board built with Rails, React, and Redux; HelloFlying - an interactive visual web app for viewing and filtering airline routes built with React; and Ticketed - a project management system built on Rails and PostgreSQL

ELA Educator, Various Public High Schools 2015 – 2020

Web Developer, Self-Employed 2012 – 2015

- Utilized Linux, Apache, MySQL, and PHP to build, deploy, and host 20+ clean, modern, mobile-first responsive websites 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

Node.js, Express, Ruby, Rails, Sinatra, Python, Flask, PostgreSQL, MongoDB, MySQL, REST APIs

Frontend

JavaScript (ES6), Typescript, React/Redux, Vue/Vuex, HTML/CSS, jQuery, Jest

Cloud

AWS, Cloudflare, Linux servers, Heroku, Google Cloud, Digital Ocean, SSH, SFTP

Tooling

Git/GitHub, Docker, Kubernetes, Linux, Jira/Bitbucket, vi/vim