

# Arthur Kauffman

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## SUMMARY

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Highly motivated full stack software engineer based in Pittsburgh. Co-creator of *Campion* ([campion-breaker.github.io](https://campion-breaker.github.io)), an open-source, serverless circuit breaking framework for the web. Fully competent in frontend and backend, Python, Ruby, Javascript, SQL, and all things AWS. Passionate about solving problems and leading teams to make stuff work better.

## EXPERIENCE

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**Senior Software Engineer, Aledade** 02/2021 – present

- Led team in designing, building, and successfully deploying a client facing app and ETL data pipeline that ingested and transformed 900+ million rows of third party data using Airflow, DBT, Snowflake, and Postgres
- 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 convert a large legacy Angular.js app to Typescript, Vue, and Vuex
- Mentored teammates and colleagues in developing coding best practices and soft skills through 1-on-1's, thoughtful code reviews, and pair programming

**Software Engineer, Campion** 09/2020 – 01/2021

- Created Campion with a small distributed team — Campion is an open-source framework to enable rapid circuit-breaking functionality in service-oriented architectures on the web and prevent cascading failure
- Features include: architecture protection, failure resiliency, micro-service compatibility, serverless design, 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** 06/2018 – 08/2020

- Created and contributed to various open-source projects, including:
  - APIChoke - an API test tool using WebSocket, 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
  - Ticketed - a project management system built on Rails and PostgreSQL

**ELA Teacher, Various Public High Schools** 08/2014 – 06/2020

**Web Developer, Self-Employed** 07/2012 – 08/2014

- 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

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

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