

# Wesley Anderson

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## 👤 PROFILE

I am a software engineer with experience in JavaScript, TypeScript, Go, and various technologies. I am a co-creator of Chimera, which automates canary deployments for containerized microservices that communicate synchronously on AWS.

## 📁 PROFESSIONAL EXPERIENCE

- |                |   |
|----------------|---|
| 2022 – present | <p><b>Co-Creator, Software Engineer, <i>Chimera</i></b></p> <p>Chimera (<a href="https://chimera-deploy.dev/">https://chimera-deploy.dev/</a> 📄) automates canary deployments for containerized microservices that communicate synchronously on AWS. It reduces the risk of introducing bugs that propagate through your microservice infrastructure by gradually shifting traffic to the canary while automating canary analysis.</p> <ul style="list-style-type: none"><li>• Designed initial workflow diagrams</li><li>• Created a microservice infrastructure on AWS to test Chimera</li><li>• Programmed Chimera's ability to work with ECS and App Mesh</li><li>• Implemented Chimera's ability to set up a CloudWatch agent that monitors metrics from the canary microservice</li><li>• Developed Chimera's ability to automate threshold analysis on the canary using metrics from CloudWatch</li><li>• Dockerized Chimera for simple execution in various environments</li><li>• Co-presented a live tech talk about Chimera</li><li>• Wrote documentation for setting up and installing Chimera within its repository</li><li>• Co-authored Chimera's technical case study</li></ul> <p>Technologies Used: React, NodeJS, Express, Docker, AWS</p> |
| 2020 – 2022    | <p><b>Software Engineer</b></p> <ul style="list-style-type: none"><li>• GitTix: An e-commerce app using microservices -- React, Express, TypeScript, Mongo, Redis, Docker, Kubernetes, NATS streaming</li><li>• SimpleBank: A simple banking app -- Go, Gin, PostgreSQL, Docker, Kubernetes</li><li>• JSBook: An in-browser JS transpiler + bundler -- React, TypeScript</li></ul>  |
| 2016 – 2020    | <p><b>Researcher and Instructor of Philosophy &amp; Logic, <i>Various Institutes (including, Western New England University, Smith College, Konrad Lorenz Institute, and Arizona State University)</i></b></p>  |

## 🎓 EDUCATION

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|-------------|--|
| 2020 – 2021 | <p><b>Launch School, Software Engineering</b></p> <p>Multi-year, full-stack software engineering curriculum emphasizing mastery of programming fundamentals and problem-solving -- <a href="https://launchschool.com/employers">launchschool.com/employers</a> 📄</p> |
| 2011 – 2016 | <p><b>Ph.D. in History and Philosophy of Science, <i>Arizona State University</i></b></p>  |

## 🛠 SKILLS

### Languages

JavaScript, TypeScript, Go

### Cloud

AWS: ECS, EKS, ECR, Fargate, App Mesh, CloudWatch, CloudFormation, RDS

DigitalOcean: Kubernetes, Droplet

### Frameworks

Express, Gin, React

### Other Technologies

Docker, Git/GitHub, CI/CD, Container Orchestration