

Jordan L. Swartz, MD, MA

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PROFILE

I'm a software engineer and physician informaticist with years of experience working with Go, the MERN stack, Ruby, Docker, and multiple flavors of AWS. I recently built Triage, an open-source Kafka consumer proxy that solves head-of-line blocking.

PROFESSIONAL EXPERIENCE

Co-Creator, Software Engineer, Triage [🔗](#) 2022 – present

- Triage is an open-source consumer proxy for Apache Kafka that solves head-of-line blocking caused by poison pill messages and non-uniform consumer latency.
- Led development of Triage core components, leveraging Go, Go Channels, and Goroutines
- Developed a Triage thin client library in Go and a gRPC service to enable multiple downstream consumer applications to connect to the Triage service
- Containerized the Triage service with Docker, easing the process of deployment to AWS
- Automated the infrastructure deployment strategy using AWS CDK
- Built a CLI tool, written in JavaScript and available as an npm package, to simplify configuration, deployment, and teardown of Triage in the cloud
- Implemented application logic and design components allowing for the storage of poison pill messages in a dead-letter store using AWS DynamoDB
- Collaborated with a remote team of four engineers across two time zones
- Authored a technical case study showcasing Triage: team-triage.github.io/case-study [🔗](#)

Physician Informaticist, NYU Langone Health 2015 – 2022

- Designed the emergency department's data analytics infrastructure to enhance quality improvement and clinical research
- Directed a team that developed multiple digital health solutions including those that improved clinical decision-making and patient safety
- Created the ACGME clinical informatics fellowship

Physician Informaticist, Dandelion, ASAPP, Pager, Mediquire, Mednexus 2013 – 2022

- Consulted with health tech startups in the areas of data interoperability, use of AI to improve the patient experience, telehealth, quality metrics, and cognitive search

EDUCATION

Software Engineering, Launch School 2021 – 2022

Master of Arts, Clinical Informatics, Columbia University 2012 – 2013

Doctor of Medicine, NYU School of Medicine 2005 – 2009
Alpha Omega Alpha

Bachelor of Arts, Psychology, University of California, Berkeley 2001 – 2005
Phi Beta Kappa

SKILLS

Go Programming Language (Channels, Goroutines, Concurrency) | **MERN** (MongoDB, Express, React, Node)

Ruby (Sinatra, Puma, ERB, Bundler) | **Databases** (PostgreSQL, MongoDB, Snowflake)

AWS (EC2, ECR, Fargate, CDK, S3, DynamoDB) | **Apache Kafka** (Confluent Kafka Go Client)

CERTIFICATES

- Clinical Informatics Board Certification
- Emergency Medicine Board Certification
- Epic ASAP Certification
- CA / NY Medical Licenses (active)