

# Lyra Naeseth

 lyra.engineer

 silverlyra

 lyra.medium.com

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## Gusto

Benefits Engineer

June 2024 – January 2026

- Led engineering effort to support seven new types of insurance, designing and building services to meet their distinct enrollment and administration requirements
- Built an audit layer that identified widespread silent failures leading to members missing benefits they should have
- Developed tools used by teams across the department to adopt SLOs and reduce unhandled errors

## Fable

Software Engineer

June 2021 – May 2023

- Built production infrastructure to enable public launch, including CI/CD, GPU render pool, and user asset service
- Integrated distributed tracing and added type-safety to the core animation engine, dramatically improving reliability
- Led redesign of video export system as PM and engineer, adding new codecs, adaptive presets, and granular controls

## Medium

Principal Engineer

May 2019 – March 2021

Staff Engineer

November 2018 – May 2019

Senior Engineer

March 2017 – November 2018

- Led the core infrastructure team to build a new Kubernetes-based production platform, migrating dozens of services and all production traffic
- Shipped redesigned author profiles, leading cross-team effort to launch to all users on a rebrand release date
- Developed a framework for Go microservices that improved velocity and maintainability and enabled engineers without Go experience to contribute
- Rewrote the inner layer of Medium's node.js monolith, solving tail latency issues and cutting memory usage in half

## Thumbtack

Software Engineer

September 2010 – June 2014

- Built an analytics and experimentation platform which drove growth through Series D
- Engineered a structured request system for matchmaking across thousands of business types
- Designed an authentication framework for secure one-click sign-on, reducing abandonment

## Carleton College

September 2006 – June 2010

B.A. Computer Science, *magna cum laude*