

Kolin Newby

Profile: Software Engineer - Full Stack | React | APIs | SQL | Go

 Location: Denver, CO, USA

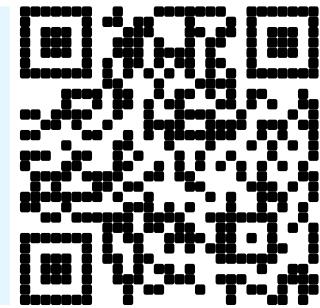
 Phone: +1 720-545-8100

 Email: kolin.newby@proton.me

 LinkedIn: linkedin.com/in/knewby/

 GitHub: github.com/kolin-newby

 Portfolio: kolinnewby.dev



EDUCATION

08/2017 - 05/2021 University of Colorado Boulder
Computer Science | Bachelor of Science

EXPERIENCE

06/2023 - 11/2025 Graylog | Software Engineer | React - TypeScript - API - Cypress.io

Selected to coordinate global stakeholders to plan new features ➤ Implemented features across frontend and backend teams ➤ Impacted all Graylog users

Organized mock-ups and demos during development ➤ Decreased feedback loops on frontend features by 30% ➤ Enabled product owners to plan more effectively

Entrusted with E2E testing new features ➤ Discovered multiple edge-cases and bugs ➤ Used by QA engineers to assess feature readiness

Trusted to freely make bug fixes ➤ Fixed and defined multiple bugs across the product frontend ➤ Impacts product owners and QA engineers

06/2021 - 06/2023 Resurface Labs | Software Engineer | React - TypeScript - SQL - Go - gRPC - Java

Chosen to lead design and development of UX/UI ➤ Integrated new features and modernized UI ➤ Increased usability and utility for all web application users

Optimized SQL queries and data structures ➤ Improved frontend query speed by 2x ➤ Drastically improved scalability and UX reliability

Owned research of new eBPF technology ➤ Developed working proof of concept logger ➤ Company decided to develop fully featured implementation

Took initiative to develop open-source tooling ➤ Validated performance on the order of 10k calls/second ➤ Enabled sales team to use accurate performance stats

PROJECTS

12/2024 - Present Rust Chat | Sole Contributor | Rust - Tokio - TCP - JSON

A simple TCP-based chat written in Rust. Using JSON serialization with asynchronous I/O, it exchanges messages and system events over the network.

07/2023 - 01/2024 API Traffic Load Tester | Individual Contributor | Go - Goroutines - gRPC

An open-source project that I started at Graylog. It's a purpose-built, API traffic simulator that was used to test our loggers.

09/2020 - 02/2022 Go API Logger | Individual Contributor | Go - Goroutines - NDJSON

An open-source project written in Go, it integrates into an API, recording requests and responses in real-time.

SKILLS

frontend development

- typescript

- javascript

- react

- HTML/CSS

- tailwind CSS

- web applications

backend development

- go

- gRPC

- rust

- java

infrastructure and devops

- APIs

- docker

- terraform

- amazon web services

- hubspot

performance and testing

- cypress.io

- unit tests

- e2e tests