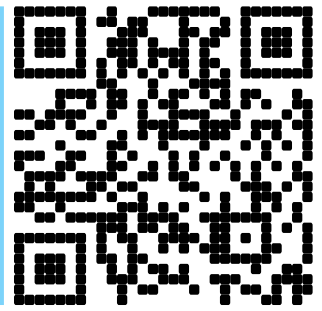# Kolin Newby

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	backend development	infrastructure and devops	performance and testing
- typescript	- go	- APIs	- cypress.io
- javascript	- gRPC	- docker	- unit tests
- react	- rust	- terraform	- e2e tests
- HTML/CSS	- java	- amazon web services	
- tailwind CSS		- hubspot	
- web applications			