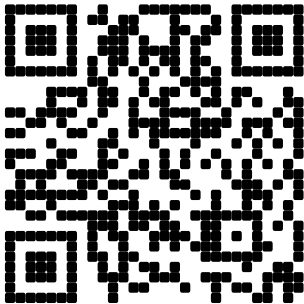


Kolin Newby

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

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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			