

# KOLIN NEWBY

Software Developer

## EXPERIENCE

### Software Engineer, Graylog

June 2021 - Currently Employed

- Leading maintenance and development of the product UI, running on [Node.js](#) using [React](#) with [TypeScript](#) and [JavaScript](#)
- Integrated telemetry feedback into React UI using PostHog
- Working in [Java](#) backend to optimize [SQL](#) queries, system latency, and overall performance with very large data sets
- Developing and maintaining an open-source, API logger written in [GO](#) utilizing go routines for [asynchronous](#), batched http submission
- Building [unit tests](#) for the Go API logger mentioned above

### Technology Lead, CU Boulder Bookstore

August 2017 - May 2021

- Develop and maintain display website for selling 3D prints using [HTML/CSS](#) and [Express](#) framework
- Schedule, train, and supervise other technology desk employees
- Maintain smooth operation of 3D printers to produce customer prints and parts for the sales floor

### Assistant Engineer, Colorado Airline Services

June 2016 - July 2019

- Assist the engineer in inspection and maintenance of major Boeing 747 aircraft systems both mechanical & electronic
- Evaluate and resolve any non-critical, technical issues in the cabin area of the aircraft

## PROJECTS

### API Logger, Capstone Project

August 2020 - April 2021

- Created [open source](#), [Go](#) based, API logging software in association with Resurface Labs in Boulder
- Was individually responsible for creating [unit tests](#) for the logging system as well as documenting my teams progress throughout the project

### Professional Website, Personal Project

July 2022 - Present

- Built a site for professional representation and to have a landing page for possible freelance opportunities. Site uses [Node.js](#), [React](#), [JavaScript](#), [CSS](#), and [Tailwind CSS](#).

### Python Store Bot, Personal Project

January 2022 - March 2022

- Created a modular, automated system to monitor prices of high demand products and purchase given a certain price. This was done using [Python](#) and Selenium browser automation tools

## CONTACT INFO

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[knewby.io](https://knewby.io)

## EDUCATION

University of Colorado  
Boulder

2017 - 2021

B.S. in Computer Science  
Minor in Business

## TECHNICAL SKILLS

JavaScript/TypeScript

React

Node.JS

HTML/CSS

Tailwind CSS

GraphQL

REST APIs

Agile Development

Docker

Git

Golang

Java

OOP

AWS

Python