

Regan Karlewicz

King County, WA • forhire@karlewr.net

Senior Software Developer with over six years of experience. Committed to creating clean, maintainable code and solving problems with thoughtful, well-tested solutions. Known for quickly adapting to new technologies, designs, and systems. Enthusiastic about creating excellent user experiences through effective software development.

Skills & Technologies

TypeScript • JavaScript • NextJS • React • GraphQL • NodeJS • Performance Optimization • Test Driven Development • Terraform • New Relic • RUM • APM • Databricks • Express • bash scripting • REST • AWS • Git • HTML • CSS • Vite • Webpack • Python • Redux • Roku • BrightScript • SceneGraph • Databases • NoSQL • SQL • ActiveMQ • MongoDB • DocumentDB • PostgreSQL • Turbo Repo • ORM • Redis • Docker • Kubernetes • CICD • Elasticsearch • Serverless • nginx

Experience

MARCH 2020 – PRESENT

Senior Software Developer | Econify, LLC. | Bothell, WA

Web development with React and GraphQL, Roku development with Brightscript and SceneGraph. Used modern best practices, techniques, and cutting-edge tech to create blazing fast enterprise-grade media applications. Published and maintained the open-source library graphql-request-profiler to help client API developers better understand their application's performance.

APRIL 2022 – DECEMBER 2023

Senior Software Developer | Hearst Newspapers | Remote Contract

Fostered a web-performance oriented culture by implementing a suite of tools to automatically track metrics like frontend bundle size via GitHub Actions, application lab performance reports via SpeedCurve, and real user monitoring (RUM). Integrated New Relic APM, enabling observability into deployed environments to ensure operational excellence. Created automated alerts to inform stakeholders of potential issues.

DECEMBER 2021 – APRIL 2022

Senior Software Developer | Endeavor Streaming | Remote Contract

Led a small team of two other developers to build and ship a white-label Roku application for Endeavor Streaming's pool of clients. Leveraged model-view-presenter design pattern using BrighterScript.

MARCH 2020 – AUGUST 2021

Senior Software | MotorTrend | Remote Contract

Implemented new buyers guide pages for MotorTrend.com, taking the average load time from 10 seconds to 1 second, giving thousands of monthly users a 90% faster page load over the legacy site. Refactored how ads are served on MotorTrend.com, giving a 10% reduction in page load size. Designed and implemented a blazing fast ingress service worker for MotorTrend's CMS, capable of handling thousands of updates per second.

FEBRUARY 2018 – FEBRUARY 2020

Software Developer | Dragonchain, Inc. | Bellevue, WA

Developed foundational blockchain technology using Python and Kubernetes. Maintained over 2000 customer production containers in production. Designed and implemented Dragonchain's smart-contract-as-a-service platform and deployment pipeline using Python, OpenFaaS, and Kubernetes. Designed and implemented error reporting and metrics services using AWS Cloudwatch, SNS, and Lambda for a suite of microservices.

Education & Certifications

JANUARY 2024

Certified Data Engineer Associate | Databricks | Expires January 2026

DECEMBER 2017

Bachelor of Science Computer Science, Mathematics Minor | Western Washington University | Bellingham, WA