



Skills

AWS CSS Docker Electron Git Go HTML
 JavaScript Kubernetes Linux Node.js React Rust TypeScript

Certifications

AWS Certified Cloud Practitioner – CLF-C02

Work Experience

Contract / Self-employed Senior Full Stack Engineer 05/2009 : 10/2023

- Built and deployed dozens of web sites and applications for clients of all sizes
- Developed the original web version of Jumanji Run game for the movie release
- A distributed kiosk quiz experience for BlackHat conference
- A talking robot gif generator for the Netflix show Glow
- Wizard of Oz 50th Anniversary site

Lockwell Senior Software Engineer temporary contract 03/2023 : 08/2023

- Built libraries that enabled core functionality within the application
- Built bindings for external C libraries for use in Windows and MacOS in TypeScript and Rust, respectively
- Integrated bindings into an Electron app
- Built a MacOS privileged helper service in Rust

Little Cinema Digital Senior Video Engineer temporary contract 02/2022 : 08/2022

- Researched and wrote RFC for a WebRTC deployment with multiple options and the pros and cons of each.
- Designed a WebRTC infrastructure based around LiveKit
- Gave presentation on WebRTC technology to engineering team
- Constructed UI components within their current application to support the WebRTC infrastructure
- Wrote AWS CDK to deploy the LiveKit infrastructure along with their current stack
- Transferred knowledge to team when contract ended

Supergroup Senior Fullstack Engineer

11/2019 : 11/2021

- Delivered quality code for client projects
- Built new and maintained current features for Playboy.com
- Transferred knowledge to new team at Playboy.com via working sessions
- Built reesesbookclub.com
- Built tool to search subreddits for keywords and sentiment
- Redesigned company stack to be easier to deploy and more developer friendly

EsportsOne Senior Fullstack Engineer

04/2018 : 11/2019

- Rebuilt original computer vision processor, basically converting it from C# and needing to be manually operated through Remote Desktop to a Go codebase with higher performance and much lower resource requirements.
- Built a UI dashboard to display real-time information from a League of Legends computer vision processor
- Built a Twitch.tv extension, both ui and backend, to display real-time data about the League of Legends match currently being played on stream

The Craftsman Agency Technical Lead

07/2013 : 03/2016

- Lead all tech efforts within organization
- Collaborated with account managers to refine their ideas into buildable products
- Wrote code for, deployed and maintained nearly all development projects

Ignition Interactive Senior Interactive Engineer

03/2012 : 03/2013

- The Last of Us game web site
- The Hunger Games movie web site
- Arrested Development "You're Going to get Some Walk Ons" contest site
- Dodge Dart relaunch crowdfunding site

TotalBeauty.com Front-end Engineer

02/2011 : 03/2012

- Responsible for all front-end code
- Built new features from product requirements

Education

Miami International University of Art & Design

05/1997 : 05/2000

Bachelor of Fine Arts in Film and Video Production