

Beau Herron

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Full-stack software engineer skilled in React, Angular, and Golang. As a former professional musician and nuclear engineering student, I fully embrace the challenge of mixing art and technology. I enjoy creating minimal designs and simple coding solutions.

Work Experience

Software Engineer @ Kiddom

November 2022 - Present // Remote

- Feature work on a team tailored to building tools for students/teachers to interact with curricula
- Spearheaded a project to build and release a modern math keyboard that streamlined introducing math formulas within instructional content
- Implementing admin tooling for internal use

Software Engineer @ TurnKey Corrections

September 2021 - October 2022 // River Falls, WI

- Worked on a team of developers to build a modern Angular/Golang SaaS application used by correctional facilities nation-wide
- Migrated a custom phone server from traditional hosting to AWS ECS for redundancy and improved reliability
- Built a Node.js IVR (call tree) for newly acquired facilities that had a necessary requirement of commissary access without using internet phones

Junior Software Engineer @ TurnKey Corrections

April 2019 - September 2021 // River Falls, WI

- Took over operations on a custom VOIP phone server using a Golang backend and an Angular.js web application that services 1000s of hardware and software phones nation-wide
- Maintained and improved legacy Angular.js, ASP.Net, and WPF projects

Freelance Work

January 2015 - Present

- Designed and developed small websites for musicians, businesses, and personal use.

Skills

Languages

Typescript, Javascript, Golang

Technologies

React, Angular, Jotai, Next.js, Node.js, Git, Docker, AWS, MySQL, Redis

Education

University of Wisconsin-Madison, B.S. Nuclear Engineering

August 2014 - May 2016

University of Wisconsin-La Crosse, B.S. Physics

August 2011 - May 2014