KYLE DEAN REINFORD

SOFTWARE ENGINEER

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WHO I AM

For 14 years I've built websites on the side while I spent my days photographing bands and celebrities for magazines, newspapers and record labels. I loved that life for my younger self, but now, with a family, I'm shifting my gaze.

Creating beauty has been an important part of my working life, and now I'm bringing that experience back to one of my first loves - computing - and I'd like to do that at a company that shares my values of curiosity, creativity and compassion.

TECH STACK

React	Express	Node	MongoDB
Python	Django/Flask	HTML/CSS	Git

WORK EXPERIENCE

Freelance Photographer

Self-Employed | 2007 - present

- Taught myself photography, editing, marketing and other skills to break into the world of photography
- Started and grew my own business to consistently work with top tier media outlets (NY Times, Rolling Stone, Spotify) photographing major artists (Mumford & Sons, John Prine, Gorillaz)
- Orchestrated photo shoots, overseeing many moving parts including publicists, management, talent, light, crews and wardrobe

Goshen College

Bachelor of Arts, Theater | 2002 - 2006

- Executed several show independently, organizing actors, designers and crew
- Honed skills of communication, flexibility and creativity
- Collaborated with fellow actors, learning how to support each other's strengths

TRAINING

Full Stack Open | 2021 (in progress)

LinkedIn Learning: Rust Essential Training | 2021

Udemy: Automate The Boring Stuff With Python | 2019

LinkedIn Learning: Become A Web Developer | 2017

PROJECTS

NY Times Mini Crossword Scraper (source)

I do the NY Times Mini Crossword daily, alongside several good friends. There was no way to track who won on a daily basis, so I built a scraper, set up a cronjob to save to a database, and built a MERN app to display the results. At least the trash talk is now data driven.

What I Learned:
- Database management (MongoDB)
- Conditional rendering using state hook
- Figuring out how to log into my NY Times account using cookies at a specific time to grab solve scores was particularly tricky

Tech Used:
Python, React, Node, MongoDB, Nivo, Heroku

Banh Mi Me (source)

I created a site to find the closest banh mi sandwich, because who doesn't like a good banh mi? I used the Yelp API and geolocation and integrated it with Google Maps.

What I Learned:
- How large companies structure their APIs
- Parsing data and passing it from Node to React

Tech Used:
React, Node, REST API, Heroku

Built My House (source)

Gut renovating my house and adding a second floor meant learning many new skills and tackling tons of complex challenges. I taught myself framing, electrical, plumbing and more so that I could complete every aspect of this project myself.

What I Learned:
- Time management can make or break a project
- How to continue on when the project seems endless
- Moving fast and breaking things isn't necessarily the right move when working with structural issues