

# Ben Crowder

## Software Engineer and Designer

### EXPERIENCE

#### Senior Software Engineer @ Planet

REMOTE • APR 2023 – PRESENT

Frontend technical lead on an account management app. Built and maintained features using React, MUI, and Redux. Spearheaded sustainability work on the codebase and introduced process improvements. Wrote lots of tests. Migrated legacy code. Mentored junior engineers.

#### Staff Software Engineer @ Hologram

REMOTE • OCT 2021 – APR 2023

Frontend technical lead on several projects. Built features for a customer-facing dashboard using React and Redux. Spearheaded sustainability work on the codebase and introduced team process improvements. Mentored junior engineers.

#### Senior Frontend Engineer @ Cedar / OODA Health

REMOTE • FEB 2021 – OCT 2021

Built features for claims processing in the frontend tool used by internal employees and in the backend pipelines, using React, Next.js, GraphQL, gRPC, and Go. OODA was acquired by Cedar in June 2021.

#### Senior Software Engineer @ BYU

PROVO, UTAH • DEC 2016 – FEB 2021

Wrote and maintained over a dozen Python/Django APIs and user-facing apps for the university library. Helped set team standards. Led parts of the team's work on migrating apps to Docker/OpenShift and using GitLab CI/CD. Mentored junior and student developers.

#### Senior UX Designer / Frontend Engineer @ BYU

PROVO, UTAH • MAR 2011 – DEC 2016

Led frontend engineering and UX design work for the library. Spearheaded and supervised a full redesign of the library website, including frontend and backend implementation. Designed and implemented frontends for numerous sites and applications. Managed and mentored junior and student designers.

#### Web Designer / Frontend Engineer @ BYU

PROVO, UTAH • JUN 2008 – MAR 2011

Designed several sites for the library and built the frontends, including a number of WordPress themes.

### EDUCATION

#### M.S. in Computer Science @ BYU

2017 – 2020

Thesis work in human-computer interaction.

#### B.A. in English Linguistics @ BYU

2001 – 2007

### CONTACT

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### SKILLS & TECH

#### FRONTEND

HTML

CSS

JavaScript

React

Redux

TypeScript

Vite

Jest/vitest

Playwright

Canvas

SVG

Three.js

#### DESIGN

Product design

Responsive design

Prototyping

Graphic design

User testing

Blender

Typesetting

#### BACKEND

Python

Django

Go

Node

Rust

C++

nginx

MySQL/MariaDB

Postgres

Docker

GitLab CI/CD