Chuck Dries

Software Engineer • Web Developer • Teacher • Eagle Scout

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Skills

Web Development	HTML, CSS, Modern Javascript, Vue, React, Typescript, MongoDB and some SQL
Programming & Ops	Docker, Git, and Bash With some hands on with Kubernetes, Java, Python, and C# with Unity
Design	Photoshop, InDesign, After Effects, Premiere Pro
Etcetera	Leadership, management, and teaching experience, some hands on with KVM/LibVirt/QEMU

Work Experience

Axosoft
January 2018 - present

Software Developer
- Worked on Gitkraken Glo, a kanban tool. Worked on implementing features in React frontend and microservice-based Express/Mongo backend.
  - Owned the Cordova-based mobile app and build toolchain
  - Migrated our developer environment from docker-compose on dev laptops to Kubernetes with skaffold in AWS
- Work on the account site, which handles auth and registration for glo and timelines, all purchasing flows, license management, and more. Spearheaded a ground-up rewrite in Typescript and React
- Work on account and payment systems backends in Express and Mongo

The State Press
August 2016 - December 2018

Digital Developer (Spring 2016, Fall 2017, Fall 2018), Graphics Editor (Fall 2016)
- Created the Graphics desk to meet the needs of a new generation of news media
- Directly managed and assigned stories to artists and graphic designers working on routine content, while creating and codifying procedures for the new desk
- Developed unique interactive content for high profile stories, such as a searchable database of ASU employee salaries and interactive map of the university's parking ticket income on campus

Desert Community Robotics
March 2013 - July 2016

Teacher
- Taught classes on Lego Mindstorms robotics, video production, basic physics
- Ran a technology summer camp that included everything listed above and Seaperch underwater robotics

Education

Arizona State University
Fall 2015 - Fall 2018

BS Computer Science - incomplete
- I still come back every fall to guest lecture in one of my favorite professors' web development class

Other Projects

Easy SMS
Opportunity Hack 2018
(3rd place)
- Dead simple SMS automation for charities that need to notify people of events
- Focus on easy to use UI, and CSV import/export as a first class citizen
- Vue, Vuex, Node, Twilio API

RPS-MMO
Sunhacks 2017
- Browser based rock-paper-scissors tournament against any number of opponents
- Focus on limiting scope and a polished MVP rather than wide featureset
- Vue, Vuex, Node, socket.io

Medication Tracking Solution
Opportunity Hack 2017
(1st place)
- Allows foster organization Sunshine Acres to track and report medication given to foster children per Department of Child Safety requirements
- Two frontends to best meet requirements: a data rich and flexible admin panel for healthcare administrators, and a simple mobile-first client for foster parents
- Vue, Vuex, Typescript, Node, Express, and MySQL

Virtual Keyality
Desert Hacks 2017
(1st place)
- VR Typing Game in Unity
- Uses SteamVR API for virtual reality and AWS Lambdas to queue up words (There was a prize category for using AWS stuff)