

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
Ops	Docker, Git, and Bash, with some Kubernetes
Design	Photoshop, InDesign, After Effects, Premiere Pro
Etcetera	Teaching experience, some Unity (C#) and some KVM/LibVirt/QEMU

Work Experience

Adobe <i>October 2021 - present</i>	<i>Frontend Software Engineer</i> <ul style="list-style-type: none">Working on modernizing legacy Marketo Engage frontend in React with Typescript
Axosoft <i>January 2018 - October 2021</i>	<i>Software Developer</i> <ul style="list-style-type: none">Worked on Gitkraken Boards, a kanban tool. Implemented features in React frontend and microservice-based Express/Mongo backend<ul style="list-style-type: none">Owned the Cordova-based mobile app and build toolchainMigrated our developer environment from docker-compose on dev laptops to Kubernetes with skaffold in AWSSpearheaded a ground-up Typescript rewrite of the account site, which handled auth, purchasing flows, license management, and more.Worked on account and payment systems backends in Express and Mongo
The State Press <i>August 2016 - December 2018</i>	<i>Digital Developer (Spring 2016, Fall 2017, Fall 2018), Graphics Editor (Fall 2016)</i> <ul style="list-style-type: none">Founded the Graphics desk: directly managed artists and graphic designers working on routine content, while creating and codifying proceduresDeveloped unique interactive content for high profile stories, such as a database of ASU employee salaries and interactive map of ASU's parking ticket income
Desert Community Robotics <i>March 2013 - July 2016</i>	<i>Teacher</i> <ul style="list-style-type: none">Taught classes on Lego Mindstorms robotics, video production, basic physicsRan a technology summer camp that included everything listed above and Seaperch underwater robotics

Education

Arizona State University <i>Fall 2015 - Fall 2018</i>	<i>BS Computer Science - not completed</i> <ul style="list-style-type: none">I still come back every fall to guest lecture in one of my favorite professors' web development class
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Other Projects

Buzzwords <i>Personal Project</i>	<ul style="list-style-type: none">Browser based word game with seamless link sharing multiplayer and AI opponentFrontend in React with Typescript with beautiful 3D animations with react-three-fiber and react-springPlayable at https://buzzwords.gg
Easy SMS <i>Opportunity Hack 2018 (3rd place)</i>	<ul style="list-style-type: none">Dead simple SMS automation for charities that need to notify people of eventsFocus on easy to use UI, and CSV import/export as a first class citizenVue, Vuex, Node, Twilio API
RPS-MMO <i>Sunhacks 2017</i>	<ul style="list-style-type: none">Browser based rock-paper-scissors tournament against any number of opponentsFocus on limiting scope and a polished MVP rather than wide featuresetVue, Vuex, Node, socket.io
Medication Tracking Solution <i>Opportunity Hack 2017 (1st place)</i>	<ul style="list-style-type: none">Allows foster organization Sunshine Acres to track and report medication given to foster children per Department of Child Safety requirementsTwo frontends to best meet requirements: a data rich and flexible admin panel for healthcare administrators, and a simple mobile-first client for foster parentsVue, Vuex, Typescript, Node, Express, and MySQL
Virtual Keyality <i>Desert Hacks 2017 (1st place)</i>	<ul style="list-style-type: none">VR Typing Game in UnityUses SteamVR API for virtual reality and AWS Lambdas to queue up words (There was a prize category for using AWS stuff)