

# Chuck Dries

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## Skills

<b>Web</b>	React, Typescript, Three.js, MongoDB and some SQL and Rust
<b>Ops</b>	Docker, Git, and Bash, with some Kubernetes
<b>Design</b>	Photoshop, Premiere Pro, InDesign
<b>Etcetera</b>	Photography, teaching

## Work Experience

<b>Adobe</b> <i>October 2021 - present</i>	<i>Frontend Software Engineer</i> <ul style="list-style-type: none"><li>Modernized legacy Marketo Engage frontend with React with Typescript<ul style="list-style-type: none"><li>Virtualized core navigation tree - achieved up to 60X faster render</li></ul></li><li>Foundational contributions to Journey Optimizer B2B project - React + TS</li><li>Implemented <i>Project Mighty Micro</i> PoC - was shown off on stage by Shaq</li></ul>
<b>Axosoft</b> <i>January 2018 - October 2021</i>	<i>Software Developer</i> <ul style="list-style-type: none"><li>Implemented features in React frontend and microservice-based Express/Mongo backend for GitKraken (Electron) and GitKraken Boards (web)</li><li>Spearheaded a ground-up Typescript rewrite of the Account Site which handled auth, purchasing flows, license management, and more.</li><li>Owned the Cordova-based mobile app and build toolchain for Boards</li><li>Migrated our developer environment from docker-compose on dev laptops to Kubernetes with scaffold in AWS</li></ul>
<b>The State Press</b> <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"><li>Founded the Graphics desk: directly managed artists and graphic designers working on routine content, while creating and codifying procedures</li><li>Developed unique interactive content for high profile stories, such as a database of ASU employee salaries and interactive map of ASU's parking ticket income</li></ul>

## Education

<b>Arizona State University</b> <i>Fall 2015 - Fall 2018</i>	<i>BS Computer Science - dropped out</i> <ul style="list-style-type: none"><li>I still come back every fall to guest lecture in my favorite professor's web development class</li></ul>
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## Projects

<b>Buzzwords</b> <i>Ongoing Personal Project</i>	<ul style="list-style-type: none"><li>Browser based word game with seamless url-based multiplayer</li><li>Beautiful 3D gameboard with Three.js and React via react-three-fiber</li><li>Frontend React with Redux, RTK, Typescript, Tailwind, react-spring</li><li>Backend Node, Express, Mongo</li><li>Electron client for desktop players</li><li>Play for free at <a href="https://buzzwords.gg">https://buzzwords.gg</a></li></ul>
<b>chuckdries.com</b> <i>Ongoing Personal Project</i>	<ul style="list-style-type: none"><li>My photography portfolio</li><li>React with Gatsby, Typescript, Tailwind</li><li>Custom responsive virtualized gallery grid component</li><li>Focus on beautifully displaying my photography</li></ul>
<b>Easy SMS</b> <i>Opportunity Hack 2018 (3rd place)</i>	<ul style="list-style-type: none"><li>Simple SMS automation for charities that need to notify people of events</li><li>Focus on easy to use UI, and CSV import/export as a first class citizen</li><li>Vue, Vuex, Node, Twilio API</li></ul>
<b>Medication Tracking Solution</b> <i>Opportunity Hack 2017 (1st place)</i>	<ul style="list-style-type: none"><li>Allows foster NPO to track and report medication given to foster children per Department of Child Safety requirements</li><li>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</li><li>Vue, Vuex, Typescript, Node, Express, and MySQL</li></ul>
<b>Virtual Keyality</b> <i>Desert Hacks 2017 (1st place)</i>	<ul style="list-style-type: none"><li>VR Typing Game in Unity</li><li>Uses SteamVR API for virtual reality and AWS Lambdas to queue up words</li></ul>