

Chuck Dries

Full stack experience, passionate about frontend

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Portland, OR or remote

Experience

Adobe <i>October 2021 - present</i>	<i>Senior Software Engineer</i> <ul style="list-style-type: none">Made Marketo's primary navigation tree 60x faster by virtualizing with react-windowMade foundational contributions to Journey Optimizer B2B product with React, Redux with Redux Toolkit, Graphql with Apollo, and TypescriptCreated React component library to share across products and teamsOwned core features in data driven visual programming rules engineCreated pioneering internal observability tool to enable Support teamModernized legacy Marketo Engage frontend with React and TypescriptImplemented <i>Project Mighty Micro PoC</i> - AI website builder, zero to MVP in just a month, was demoed live on stage by Shaq at Adobe SummitProvided on-call monitoring and response with NewRelic, Grafana, and SplunkTrained in supporting HIPAA compliant software
Gitkraken <i>January 2018 - October 2021</i>	<i>Software Developer</i> <ul style="list-style-type: none">Implemented features in React frontend and microservice Express and Mongo backend for GitKraken (Electron) and GitKraken Boards (web)Spearheaded a ground-up Typescript rewrite of the Account Site which handled auth, purchasing flows, license management, and more.Owned the Cordova-based mobile app and build toolchain for BoardsMigrated our developer environment from docker-compose on dev laptops to Kubernetes with Scaffold in AWS

Skills

Web	React, Typescript, Redux and Redux Toolkit, Graphql, Threejs with react-three-fiber, htmx, Tailwind
Backend	Node with Express, Rust with Axum
Ops	Git, Docker, Bash, Jenkins, some Kubernetes
Testing	Jest, React Testing Library
Design	Photoshop, Premiere Pro, InDesign
Etcetera	HIPAA trained, Jira, Agile/Scrum, Python, R, photography
Teaching	I guest lecture in a Web Information Management Systems class every fall at ASU

Projects

Buzzwords <i>Ongoing Personal Project</i>	<ul style="list-style-type: none">Browser based word game with seamless url-based multiplayerBeautiful 3D gameboard with Three.js and React via react-three-fiberFrontend React with Redux, RTK, Typescript, Tailwind, react-springBackend Node, Express, MongoElectron client for desktop playersPlay for free at https://buzzwords.gg
chuckdries.com <i>Ongoing Personal Project</i>	<ul style="list-style-type: none">React with Gatsby, Typescript, TailwindCustom responsive virtualized gallery grid componentFocus on beautifully displaying my photography
Easy SMS <i>Opportunity Hack 2018 (3rd place)</i>	<ul style="list-style-type: none">Simple SMS automation for charities that need to notify volunteers of eventsFocus on easy to use UI, and CSV import/export as a first class citizenVue, Vuex, Node, Twilio APIFirst ever Opportunity Hack solution to be fully implemented and deployed
Medication Tracking Solution <i>Opportunity Hack 2017 (1st place)</i>	<ul style="list-style-type: none">Allows foster NPO 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

Education

Arizona State University *Studied 2015-2018 towards a BS Computer Science*