

Taylor K. Dearden

Software Engineer

taylordearden@gmail.com

(801) 425-4122

tayloredsoftware.dev

Fort Collins, Colorado

Experience and Work History

Kuder, Iowa (Remote) — *Software Developer*

July 2022 - Present

Developed diverse enterprise-level applications, including admin reporting and management tools, user learning interfaces, API integrations, form libraries, email systems, and language resource management solutions.

- Developed scalable, secure applications using React TypeScript, C#, .NET, while focusing on web accessibility and efficient state management.
- Collaborated on UX design and database architecture, ensuring solutions met product requirements and followed best practices for scalability, security, and performance.
- Maintained and optimized legacy applications in JavaScript, jQuery, HTML, CSS, and Angular, enhancing user interfaces and administrator workflows for improved functionality.

Las Azucenas, (Remote) - *Freelance Software Engineer*

November 2021 - Present

- Developed a full-stack forest inventory management system and marketplace, utilizing Nodes Express.js and PostgreSQL to handle back-end operations and data management.
- Integrated secure authentication with Supertokens, implemented Stripe for payment processing, and created PDF generation and processing features to enhance the system's functionality.
- Built a dynamic front-end interface with React.js, incorporating the Google Maps API for tree mapping and Brevo for email notifications and alerts.

SubSync (Studioease), Utah — *Software Engineer*

March 2021 - July 2022

- Developed a media content and playlist management system using Next.js and Node.js, incorporating scalable data workflows, asynchronous file handling, and role-based access control.
- Built a custom React-based electronic document signing application for SubSync, integrating rich text editors, canvas signature capture, template generation, and secure document processing with electronic signature data storage.
- Developed a javascript widget for appointment booking and payment processing.

Skills & Technologies

Front End

React

Angular

HTML5

SASS/CSS

JavaScript ES6

Typescript

NextJs

NodeJS

Jest/Mocha

jQuery

Redux

Back End

Node

Express

PostgreSQL

MySQL

.NET

C#

Tools

Figma

Shopify

Microsoft Azure

Methods

Information Architecture

Usability/Accessibility

Quality Assurance

Agile Development

Component Architecture

Responsive Design

Pluralsight, South Jordan, Utah - *Software Engineer Apprentice*

February 2020 - May 2020

- Developed full-stack gamification system using React and Node.js, integrating badge awarding algorithms, goal-setting modules, and REST APIs for scalable user engagement.

Good Always, Utah — *Web Developer*

August 2018 - Participation with Good Always is on a volunteer basis.

- Developed and maintained static HTML/CSS marketing websites, ensuring responsive design and user-friendly interfaces to support promotional campaigns.
- Designed and implemented a Shopify storefront, customizing themes and integrating payment solutions to enhance e-commerce functionality and drive sales.

EDUCATION

DevMountain, Lehi, Utah — *Immersive Web Development*

Graduated November 2019

Snow College, Ephriam, Utah — *Associate of Science, General Education*

Graduated April 2019

Community Involvement

Stones of Light Education Foundation, Guatemala

I volunteer my time with Stones of Light Education Foundation to gather donations to provide education scholarships to children in Guatemala who are living in extreme poverty.

Hopi Humanitarian Efforts, Walpi, Arizona

Annual humanitarian trip in December to deliver several tons of food and supplies to the Hopi people. 2012-2023

Mission for the Church of Jesus Christ of Latter-Day Saints, South Carolina, USA

June 2014 - June 2016

Personal Projects

Las Azucenas Forest Management System

Internal forest inventory management system for forest asset owners. Built with React and NodeJS. In development.

Technoglyph

A petroglyph analysis database. Technoglyph is a full-stack, full-CRUD web application created with React.

Stones Of Light

A Gatsby App used to gather donations for Stones of Light Education Foundation.