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Overview

With over 13 years of professional software development experience and a Bachelor's in Geographic Information Science, I bring a deep passion for innovative technologies and a strong aptitude for solving complex debugging challenges with patience and precision.

Technologies

Languages

C#, JavaScript, TypeScript, Python,
Ruby, T-SQL, HTML, CSS.

Runtime Environment

.Net, Node.JS, Python, Ruby

Databases Technologies

PostgreSQL, SQL Server, NoSQL

Frameworks

Blazor, React, Angular, Vue

Backend

.Net Web API, Ruby on Rails, Django,
Node.Js with Express, FastAPI

Cloud Computing

AWS, Azure

Experience

Last 4 employers

Control Dynamic Integrators, LLC

Hudsonville, MI (hybrid) June 2023 ~ Present
Full-Stack Software Engineer

Project Work:

Updated an HMI to an industrial label printer to a modern web UI.

Technologies:

.Net, SQL Server, Blazor, SignalR

LHP Engineering Solutions

Columbus, IN (Remote) March 2022 ~ June 2023
Full Stack Software Engineer

Project Work:

DAXIOS: Created a Web UI for automotive engineers to utilize test results. **Cummins Corp:** Created a backend and frontend to receive engine sensor data quickly.

Technologies:

.Net Web API, Vue.JS, FastAPI (Python), React.JS

Holland Special Delivery

Hudsonville, MI (Hybrid) March 2019 ~ March 2022
Full-Stack Software Engineer

Project Work:

Developed & maintained a custom fleet management system, written in C# and Angular in the frontend.

Technology:

.Net Web API, Angular

USF Holland

Holland, MI (on-site) February 2017 ~ March 2019
Software Engineer

Project Work:

Automate fleet management by upgrading a decades old fleet management system. Mostly green screen terminals.

Technologies:

Python, .Net, Angular, T-SQL, SSRS, SSIS

Project Work

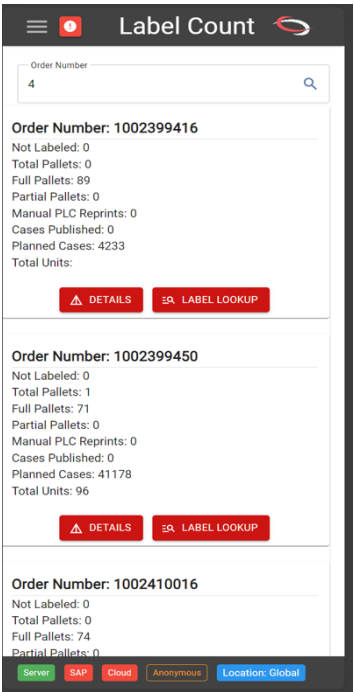
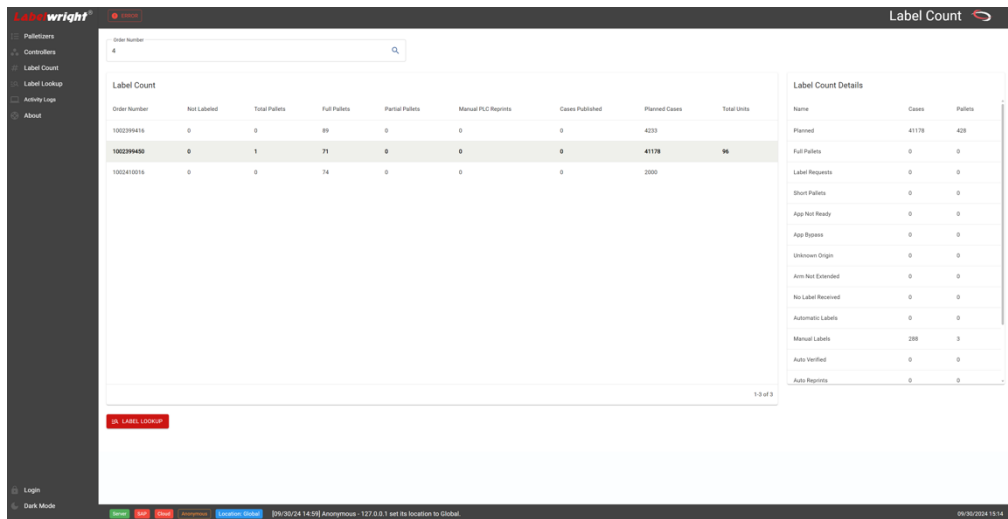
Professional Projects from above employers meant to highlight some of the work.

Labelwright Web Client

Control Dynamics, Inc

Project duration 12 months.

LabelWright® is an HMI for servicing and setting up industrial palletizing printers, tracking pallets and products from the conveyor to final wrap and labeling. Originally built in WinForms for basic pallet location management, it was redesigned for scalability to meet growing customer demand. It also needed to be mobile friendly. (See Below for example)



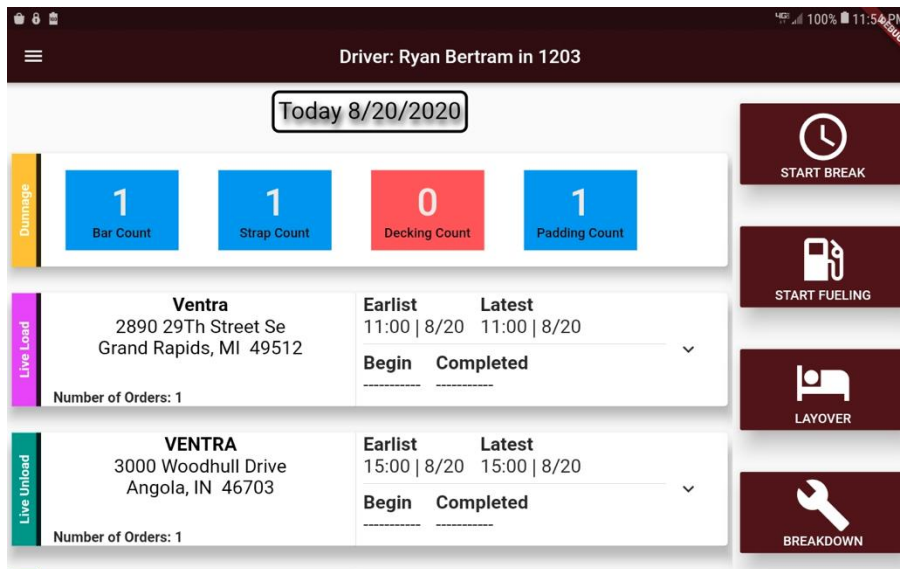
This was done with a .Net Web API and a Blazor WebAssembly Frontend using a component library called Mudblazor. Data was source from SQL Server, text files, SAP and an existing Labelwright Server.

Drive Mobile v2.0

Holland Special Delivery

Project Duration: 12 months

Drive Mobile was to replace a mobile app used by Holland Special Delivery truck drivers to help automate when a delivery had made it to its destination and when had departed a location. It kept track of miles, trucker breaks, fueling stops, layover stops, etc.



This project was written in Dart/Flutter with an asp.net core web api backend.