Dylan Thomson

Full Stack Software Developer

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EXPERIENCE

Technifab Inc, Avon, OH— *Applications Developer*

SEPTEMBER 2019 - PRESENT

-Designed, developed, and supported multiple web applications with minimal supervision in order to facilitate daily operations and long term decision making

-Organized meetings with clients from engineering, operations, marketing, customer service, and other departments to gather requirements and gain feedback

-Handled and escalated support tickets as appropriate

PROJECTS DESIGNED AND BUILT AT TECHNIFAB

Window Line Data Collection

jQuery, jQWidgets/Kendo, FusionCharts, PHP, PHPMailer, T-SQL

-Tracks the life cycle of Boeing 787 window seals in production by recording barcode scans at each step in the process to capture timestamps, tools used, and operators involved

-Inspectors can select a defect code and specify the location by clicking coordinates on an image of the part, which is later displayed as a concentration map of part defects

-Generates and prints a unique part label for each produced part

-Sends email notifications to supervisors when certain conditions are met

-Display live metrics for daily analysis and more detailed metrics for long term analysis

Training Event Nexus

jQuery, Kendo, PHP, T-SQL

-Users create training events linked to TipQA documents and record attendance by having employees scan their badges

-Leverages training data into a training matrix, which displays completed or required training for different work cells and employees throughout the company

-Can generate an ICS file to export training events to Outlook

Scrap Metrics Dashboard

jQuery, FusionCharts, PHP, T-SQL

-Pulls scrapped part data from a SQL SAGE database and visualizes the information using the FusionCharts library to render a variety of graphs

-Total rewrite of an older version, reducing average load times from over 10 seconds to less than one second

-Allows filtering of data by plant and individual work cell to allow engineers to troubleshoot various manufacturing processes and see trends over time

FRONT-END DEVELOPMENT

HTML5, CSS3, JavaScript

jQuery, FusionCharts, Kendo

Bootstrap, SASS/SCSS

React

BACK-END DEVELOPMENT

WAMP, IIS, ASP.NET Core

T-SQL, MySQL, MongoDB

PHP, C#

OTHER SKILLS

Git/GitHub

Visual Studio, VS Code

Razor SQL, SSMS

SAGE, TIPQA, IssueTrak

EDUCATION

Case Western Bootcamp
Full Stack Web Development Bootcamp

Cleveland State University
B.S. Computer and Information Science

VOLUNTEERING

GiveCamp Cleveland *2019*