

Kevin Tousey

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Software Developer

Software developer with a background in engineering and experience in mechanical drafting and design. Experienced in working on technical projects and managing customer communications as an integral part of the daily workflow. Knowledgeable in multiple development languages and looking to contribute my skills in a collaborative environment.

Technical Inventory

C# • .NET Core • ASP.net • JavaScript • Flexbox • MVC • HTML • CSS • Grid • Test Driven Development (TDD) • Agile (Scrum) • Object Oriented Programming (OOP) • JSON • Restful APIs • Responsive Design • Relational Databases • Source Control / GitHub Visual Studio

Education & Training

We Can Code IT

Certificate of Software Engineering
2021

University of California Riverside Extension
Certificate of Technical Communications
2013

Cleveland State University

Bachelor of Science in Mechanical Engineering
2001
Graduated with honors

PROJECTS (See my Github Repository!)

Virtual Pet App & Task List App

Object Oriented C# console applications

Movie Reviews App & Blog Platform

C# ASP.NET MVC applications

Donut Maker Game App

Gamified javascript application with HTML/CSS GUI

Public API Application

Javascript app using the fetch API with public api's requesting map, photo and text data

PROJECTS, cont.

Album Collection

NodeJS application with C# ASP.NET backend organizing album, artist, and song collection

Pet Health Tracker

NodeJS application with C# ASP.NET backend organizing pet and veterinary care information

PROFESSIONAL EXPERIENCE

Weekend Assembler

Unicontrol

2021

- Performed manual pressure switch assembly tasks
- Worked as part of an integrated team to fill gaps created by staffing shortages

Draftsman

Kadee Newco

2016 - 2020

- Created takeoffs and estimates for quotes in response to bid invitations
- Updated the customer database through project lifespan
- Computer drafted shop drawings and asbuilts in AutoCAD
- Maintained product detail library and customer project documentation
- Processed customer changes by updating pricing, order records, and shop drawing maintenance
- Communicated with customers regarding open quotations, drawing changes, order status and release notifications

Draftsman**FormTech****2016**

- Created list of materials from plan view layouts
- Worked with plan and elevation views to develop shop drawings

Bid Estimator**Ohio Awning****2016**

- Created quotations for public bids on construction projects
- Did take offs from construction plans, estimating sizes and quantities often based on incomplete information
- Aided field installation crews in awning measurement, repair, and installation

Draftsman**Kichler Lighting/Alliance Technical****2015 - 2016**

- Updated drawings to company standards using AutoCAD for ECR updates
- Assembled and measured products to verify drawing updates using dial calipers and tape measurements
- Documented updates and verified database information using Microsoft Excel

Engineering Technician**GE Lighting/Adecco****2015**

- Used customer requirements to create projected layouts for LED signage estimates
- Answered customer questions related to product selection and power supplies
- Worked with vector art tools to create channel sets and graphics from customer artwork

Templator**Stoneworks****2014 - 2015**

- Measured existing countertops and cabinets to create CAD drawings
- Laser measured to scribe existing walls and cabinet shapes
- Computer templated countertop designs and estimates

Designer**Budzar / Cleveland Business Consultants****2014**

- Created 3D piping and structural assemblies under the direction of project managers and engineers
- Updated models and schematics to reflect as-built construction using AutoCAD and Inventor

Designer**Cutting Dynamics / Concept 2 Production****2014**

- Used model based definition (MBD) to create flat blank sheet metal layouts in SolidWorks
- Detailed drawings for sheet metal bending operations

Mechanical Engineer**HDT Global****2012**

- Conducted and documented emissions and software testing for combustion heaters
- Worked with lab personnel and designers in creating, assembling, and testing prototype units
- Revised cable schematics and aided in developing cable tester
- Received training in SAP and Six Sigma (green belt)
- Worked with quality personnel in resolving manufacturing and assembly issues