

Robert Wright

Web Developer

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A resourceful, driven self-taught developer seeking employment as a frontend/full-stack developer. 7 years experience in engineering, design, and technical sales for semiconductor tooling. 1 year experience within development including HTML, CSS, Javascript, Typescript, React, C#/.NET, SQL, NodeJs and MongoDB.

PROJECTS

FileDropper - Sept 2023

Full-stack application to accept and return files.

- **Frontend** - React (Typescript), MUI, NextJs, Axios
- **Backend** - .NET, Dapper
- **Database** - SQL
- **Features** - Layered Architecture, Multipart/Form-Data, File IO Operations

Rebelz Sizing Guide - July 2023

Full-stack application to allow users to supply sizing feedback for jiu-jitsu gi's.

- **Frontend** - React (Javascript), MUI, React Router, Axios, Framer Motion
- **Backend** - .NET, Dapper
- **Database** - SQL
- **Features** - Layered Architecture, JWT Authorization, Password Encryption, Password Recovery

Personal Portfolio - Aug 2023

Personal website to showcase projects.

- **Frontend** - React (Typescript), MUI
- **Features** - Reusable Custom Components, Transitions, Modal

Training Calendar - Feb 2023

Full-stack application for clubs to schedule training sessions.

- **Frontend** - React (Javascript), MUI, React Transition Group
- **Backend** - NodeJs, BCrypt
- **Database** - MongoDB
- **Features** - JWT Authorization, Password Encryption

WORK EXPERIENCE

MDC Vacuum Products, Austin, TX - Estimating Manager - Sept 2020 - Oct 2021

- Developed and tracked quoting team KPIs.
- Worked with purchasing and planning departments to improve lead time and reduce product cost.
- Inside sales support for new projects.

Reese Engineering, Santa Barbara, CA - Manufacturing Engineer - Nov 2019 - Sept 2020

- Design, programming, machining, welding, fabrication.

MDC Vacuum Products, Hayward, CA - Engineering Manager - Jan 2018 - Feb 2019

- Collaborated with planning, manufacturing, and quality departments to improve facility OTD.
- Supported marketing and sales department in contract review and key account meetings..
- Aided sourcing team with new suppliers through supplier site visits and review of capability.
- Reviewed non-conforming products and dispositioned goods.
- Trained engineering staff on engineering change control procedures and drawing practices.

MDC Vacuum Products, Hayward, CA - Mechanical Engineer - Jun 2016 - Dec 2017

- Design of custom vacuum chambers, fittings, and frames, with emphasis placed on DFM/A.
- Solidworks Product Data Management administrator/architect for 2 engineering sites consisting of 10+ users.

EDUCATION

University of California, Santa Barbara - BS Biology - Sept 2008 - Dec 2013