

Joel Fuelling

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Software engineer with a background in customer support and team leadership. Demonstrated track record of using accumulated skills to achieve high quality work. Driven by an ambition to become a more skilled, contributing, and thoughtful member of the tech community.

EDUCATION

GENERAL ASSEMBLY | *Software Engineering Immersive*

March 2023 - June 2023

KENT STATE UNIVERSITY | *Bachelor of Science, Marketing*

August 2011 - May 2013

LORAIN COUNTY COMMUNITY COLLEGE | *Associates of Business Administration*

September 2007 - May 2010

Skills

Software: JavaScript, HTML5, CSS3, React, Python 3.7, MongoDB, Express, Node.js, Git, GitHub, Heroku, SQL, PostgreSQL.

PROJECTS

March 2023 - Present

OnCourse - [Deployed App](#)

Built a full-stack MERN application for users to log and edit various course and/or class information.

- Added 7 additional React components to manage date and array data injection and display.
- Continuous deployment setup on Heroku.com for ease of working in the development and production environment simultaneously.
- Creatively used vanilla CSS to design detailed visual effects.
- Perform full-CRUD data operations on a MongoDB database with 9 data points of 4 different types.

re-furred - [Deployed App](#)

Contributed in design and creation of MERN application for finding desired dog breed based off user choices.

- Integrated GoogleMaps API/component for breeder selection in a "Get Directions" styled design.
- Smooth bootstrap integration across entire application.
- AWS integration for dog image storage.

App Yourself - [Deployed App](#)

Full-stack Django role tracker app to enter follow-ups, receive visual reminders and assign various category tags to each role.

- Perform full-CRUD data operations using PostgreSQL database.
- Integrated numerous materialize CSS modules for increased usability.
- Deployed using the Heroku cloud platform.
- Created MVP with multiple days left to the deadline allowing for additional user testing and refactoring.

Brew Vine - [Deployed App](#)

Created a full-stack application of a personal drink catalog that can be edited, deleted, or reviewed.

- Executed RESTful API fetch calls to an Express, MongoDB, and Node.js backend using all CRUD operations.
- Implemented ES6 tagged template literals with Styled Components along CSS3 to provide style and flexbox layout.
- Included Google OAuth functionality to authorize features for authenticated users.
- Played the role of Commander on my team to leverage GitHub for version control.

PROFESSIONAL EXPERIENCE

ShopperTrak, Team Lead - Assembly, Shipping, & Receiving of North America - Chicago, IL.

December 2020 - February 2023

- Implemented Excel-based metrics to monitor and analyze inbound and outbound shipments, revealing \$450,000 in my departments contributed revenue.
- Contributed my expertise and knowledge to drive the successful transition of team member to an internal data analytics support role; bolstering team capacity and morale greatly.
- Oversaw a test and refurbishment outsourcing program, resulting in an annual reduction of \$75,000 in expenditures on new products.
- Facilitated the relocation of the physical operations department, seamlessly transferring \$1.2 million worth of inventory between warehouses without incurring any product loss.

ShopperTrak, Implementation Analyst/Large Format Support - North America - Chicago, IL.

June 2014 - December 2020

- Managed audit program covering Westfield Malls throughout the United States, ensuring accurate data generation for over 300 devices, validating yearly revenue worth \$300,000. Collaborated seamlessly with a dedicated three-person NTT data team based in India during the process.
- Promoted to subject matter expert within the Large Format team, specializing in Malls and Big Box retail support, in 2017.
- Performed comprehensive Excel-based analyses on top clients' "reasons for failure" metrics to produce alternative outcomes, resulting in an annual cost reduction of \$35,000.
- Recognized with two consecutive quarterly accolades for exceptional innovation and excellence as an Implementation Analyst, leveraging actionable data creation and utilization techniques.