Joel Fuelling

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Software engineer with a background in technical business operations. Demonstrated track record of delivering optimizations and results within business structures. Committed to creating impactful and sustainable solutions that benefit both the organization and the end users. Driven by an ambition to become a skilled and contributing 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, Node.js, Express, Git, GitHub, Heroku, MongoDB, Python 3.7, SQL, PostgreSQL, React, Styled-Components, Trello.

SOFTWARE DEVELOPMENT PROJECTS   **March 2023 - Present**

Brew Vine - Deployed App
Created a full-stack application of a personal drink catalog that can be edited, deleted, or reviewed.
● Made 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.

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.

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 moving visual effects.
● Perform full-CRUD data operations on a MongoDB database with 9 data points of 4 different types.

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, showing $450,000 in ASR-contributed revenue not previously attributed to the ASR department.
● Orchestrated the cross-training of a team member for a support role internally, following the department's outsourcing. Contributed my expertise and knowledge to drive the employee's successful transition to a data analytics support role; bolstered team capacity and morale.
● 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, Retail/Large Format Support - North America - Chicago, IL.   **June 2014 - December 2020**
● Managed and led an audit program covering Westfield Malls throughout the United States, ensuring precise customer counting for over 300 devices and validating recurring monthly revenue amounting to $100,000. Collaborated seamlessly with a dedicated three-person NTT data team based in India during the process.
● Promoted to the position of subject matter expert within the Large Format team, specializing in Malls and Big Box retail, in 2017. This recognition followed a remarkable track record as the highest contributor to the North America Retail support team for an uninterrupted period of six months.
● 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.