# Michael Gibson

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LinkedIn:  [/mlgibson8](https://www.linkedin.com/in/mlgibson8/) | GitHub: [/mlgibson8](https://github.com/mlgibson8) | Portfolio: [Link](https://portfolio-mlg-5051c4a15f65.herokuapp.com/)

Full-stack web developer leveraging background in manufacturing to provide unique perspectives on how end-users interact with websites and software platforms. Earned a certificate in Full Stack Web Development from the Full-stack Coding Boot Camp. Innovative problem-solver who is passionate about delivering user-friendly web applications while collaborating with cross-functional teams to meet project objectives. Seeking challenging opportunities to contribute my technical proficiency and passion for web development and business.

**Projects**

**NoSQL Social Media Backend |** [**Github**](https://github.com/mlgibson8/18_Nosql) **|** [**Video Walkthrough**](https://drive.google.com/file/d/1bALEeV9mgsfoRrPPxKjDM8E3shb2xqQS/view)

* Backend application that allows users to create accounts, add friends, make posts and comment on posts. Stored on a deployed server
* Tools: Javascript, Mongoose, Express.js, Node.js,

**Book Search Engine |** [**Github**](https://github.com/mlgibson8/Book-search) **|** [**Live**](https://mlgibson-book-search-5a2ded23a508.herokuapp.com/)

* Users can search for and save books
* Set up an Apollo Server to use GraphQL queries and mutations to fetch and modify data,
* The app was built using the MERN stack with a React front end, MongoDB database, and Node.js/Express.js server and API.

**SQL Ecommerce Backend |** [**Github**](https://github.com/mlgibson8/E_commBE) **|** [**Live**](https://drive.google.com/file/d/1qQIr8gIrpviNbl4OfXklzz3GSavI7xqE/view) **|**

* Uses Object Relational Mapping to setup a product database with item price, stock and category identifiers for easy inventory management.
* Tools : Javascript, Express.js, MySQL, ORM,

**TECHNICAL SKILLS**

JavaScript ES6+, CSS3, HTML5, SQL, NoSQL, GitHub, MongoDB, MySQL, Mongoose, Express.js, React, Node.js, Handlebars, jQuery, Bootstrap, API, PWA, Sequelize, Agile Development

**EXPERIENCE**

***Spartanic Laser Finishing Operator*  2018-Present**

**American Tape & Label Denver, CO**

**EBNI Winner June 2023**

* Executed intricate cutting designs and patterns with high accuracy and consistency, ensuring the highest quality finished products.
* Monitored and maintained the Spartanics Laser Finishing System, including routine maintenance, cleaning, and troubleshooting to prevent downtime.
* Conducted quality control checks on finished products to verify they met precise specifications and made necessary adjustments to achieve desired results.
* Managed inventory of laser cutting materials and consumables, coordinating with management to ensure a steady supply for production needs.
* Documented production data and maintained records of job settings, materials used, and production times to facilitate process improvement and quality control.
* Contributed to the development of standard operating procedures (SOPs) for the Spartanics Laser Finishing System to streamline operations and ensure consistency in output.
* Trained and mentored new operators on the Spartanics Laser Finishing System, sharing expertise and knowledge to enhance team capabilities.

***Mark Andy P5 Flexographic Press Operator* 2015-2018**

**Austin Label Company Austin, TX**

* Set up and calibrated the press, including the installation of plates, inks, and rollers, to ensure accurate and consistent printing results.
* Monitored press performance and made real-time adjustments to maintain print quality, including adjusting ink levels, tension, and registration.
* Conducted regular maintenance and troubleshooting to minimize downtime, such as cleaning, lubricating, and replacing worn or damaged components.
* Collaborated with prepress and design teams to ensure that artwork and designs were correctly transferred to the press and met customer specifications.
* Maintained a keen eye for color accuracy and consistency, performing color matching and adjustments as needed to achieve precise color reproduction.
* Managed job orders and production schedules, prioritizing tasks and ensuring on-time delivery of printed materials.
* Collaborated with supply chain and procurement to manage inventory of printing materials, inks, and other consumables, ensuring adequate stock levels.

**EDUCATION**

***Full Stack Flex Boot Camp* August 2023 University of Denver Denver, CO**

* Engineered full stack web applications working with servers, databases, and other back-end technologies, and connecting them to the front end.
* Optimized web applications for speed and efficiency using NoSQL Databases, converting applications into progressive web applications, and React
* Learned the fundamental concepts of web development covering HTML, CSS, JavaScript, command line fundamentals, and API consumption.

**ACHIEVEMENTS**

* **Eagle Scout Award Jan 2008**
* **EBNI Award: American Tape & Label July 2023**