

## ABRAHAM SPINDEL

512-921-6110 | Austin, TX | [linkedin.com/in/abrahamspindel](https://www.linkedin.com/in/abrahamspindel) | [AbrahamSpindel@gmail.com](mailto:AbrahamSpindel@gmail.com) | [abraspin.github.io](https://abraspin.github.io) | [github.com/abraspin](https://github.com/abraspin)

Full Stack Web Developer with coding certificate from the University of Texas and a B.S. in Mechanical Engineering from the University of Wisconsin-Madison. Proven leader and lifelong learner with the ability to effectively work and communicate cross-functionally. Written and verbal fluency in English and Spanish.

### TECHNICAL SKILLS

**Languages:** Excel VBA, HTML5, CSS3, JavaScript, jQuery, SQL, JSX.

**Frameworks and Technologies:** BootstrapCSS, MaterializeCSS, MySQL, Express, Sequelize, HandlebarsJS, ES6+, Heroku, MongoDB/Atlas/Mongoose, Node.JS/NPM, React JS, ESLint, GitHub/Pages, Java.

### EDUCATION

**Bootcamp Certificate:** University of Texas-Austin Full-Stack Web Development, January 2021

- A 24-week intensive program focused on programming with HTML5, CSS3, JavaScript, JQuery, Node.JS, MySQL, MongoDB, Express, Handlebars.js, React JS, Test-Driven Development, Algorithms, and Single Page Applications.

**B.S. Mechanical Engineering:** University of Wisconsin-Madison

- Emphasis on Computer Science, Computer Aided Design, Composite Polymer Manufacturing.

### PROJECTS

#### Google Books Search

[github.com/abraspin/google-books-search](https://github.com/abraspin/google-books-search) | [limitless-temple-45340.herokuapp.com](https://limitless-temple-45340.herokuapp.com)

- Full-stack app for searching and saving favorite books using the Google Books API.
- **Tools / Languages Used:** HTML5, CSS3, JavaScript, NodeJS, ExpressJS, MongoDB/Atlas/Mongoose, ReactJS, JSX, Heroku.

#### Short-Term Rental Search

[github.com/etorres-revature/Pointy\\_Goblins](https://github.com/etorres-revature/Pointy_Goblins) | [quiet-tor-69912.herokuapp.com](https://quiet-tor-69912.herokuapp.com)

- Full-stack app developed by a group of 4. Uses web-scrappers to aggregate rental listings from Airbnb, Vrbo, and Sonder. Select a city and save favorite listings to your account, click through to the origin website, and use the budget tool to plan trip spending.
- **Core Responsibilities:** Budget tool, Listings display, Favorites and Navbar front-end, User Flow development.
- **Tools / Languages Used:** HTML5, CSS3, JavaScript, BootstrapCSS, NodeJS, ExpressJS, JSX, ReactJS, React-Router, Heroku, MongoDB/Atlas/Mongoose.

#### A Blog's Life

[github.com/Cenzo-cmd/A-Blogs-Life](https://github.com/Cenzo-cmd/A-Blogs-Life) | [its-a-blogs-life.herokuapp.com](https://its-a-blogs-life.herokuapp.com)

- Full-stack weblog developed by a group of 4. Create an account to share thoughts, find friends, and give feedback with Comments and Likes. Team benefited from collaborative coding using Zoom and ESLint.
- **Core Responsibilities:** Dynamic Navbar, Blogpost, Like, and Comment DB functionality, mobile responsiveness.
- **Tools / Languages Used:** HTML5, CSS3, JavaScript, jQuery, MaterializeCSS, PassportJS, NodeJS, ExpressJS, MySQL, BCrypt, ESLint, HandlebarsJS, ESLint, Sequelize.

### EXPERIENCE

**Manufacturing Engineer** TASUS Texas, Georgetown, TX

August 2018 - June 2020

This role required cross-functional teamwork and critical problem solving skills. Core responsibilities included analyzing business and engineering requirements for product launches, comprehensive training and operations documentation, continuous process improvement, and analyzing production viability data.

- Extrusion line overhaul: 75% reduction in virgin plastic needed, 36% overall annual profit increase.
- Implementation of partially automated work cell providing \$24 million annual revenue at 30% profit margin.
- Continuous Improvement Team Lead - identifying and resolving roadblocks, implementing and testing solutions.

**Manufacturing Engineer / Assembly Manager** Vision Plastics, Inc. Elkhorn, WI

July 2015 - August 2018

This role worked on new-product launches, continuous improvement of manufacturing methods for injection molding and secondary operations, and daily team management of production personnel emphasizing 5s and lean practices. Core member on implementation team for new ERP management software (IQMS) install and changeover.

- Developed and tracked new metrics for machine/operator cycle efficiency.
- Lead for Assembly Department transition to new facility.
- Project Lead for purchase & install of 500T Injection press and facility HVAC system.