

# Maxwell Braun

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## EDUCATION

### Ball State University

*Bachelor of Science in Computer Science*

Muncie, IN

*Aug. 2018 – July 2022*

## EXPERIENCE

### Web Developer

May 2022 – Present

*Seattle Engraving Center*

*Brandon, FL*

- Created two Node.js programs that automate product listing on multiple platforms, driving the company to top 100 seller status on one platform and increasing efficiency by replacing the duties of one full-time employee.
- Migrated the company's primary and secondary sales websites to WooCommerce, saving money and increasing sales and customer engagement. Primary website has done over 1,000,000 USD in sales since its launch in December of 2022.
- Added custom functionality to both websites using CSS, PHP, and JavaScript.
- Translated CEO's ideas and Figma designs to functional website features.

## PROJECTS

### Product Listing Automation | *Node.js*

March 2023 – Present

- Created two Node.js programs to automate the merchandise posting process.
- Interacted with public REST APIs to source inventory.
- Designed a dynamic product image manipulation function using the Sharp Node.js module.
- Optimized programs to list about 1000 items in the time it previously took to list 1 item, increasing the number of listings by about 250%.
- Worked under CEO to implement sales logic and branding into the automation.
- Increased sales and pushed the company to "Top 100 Seller" status on one platform.
- Eliminated the need for a dedicated product listing employee.

### Work in Progress | *TypeScript, Next.js, Nest.js, Prisma, PostgreSQL, Redis, Tailwind CSS*

Sept. 2023 – Present

- Creating an auction-based sales platform for a niche market using a Nest.js REST API with a Next.js front-end.
- Implemented secure sign-in/sign-up functionality using Passport.js, storing session information in Redis database.
- Utilized Prisma ORM to interact with persisted data in cloud hosted PostgreSQL database.
- Utilized Backblaze B2 generic cloud storage for product image uploads.

### Pear Programming | *React, Node.js, MongoDB*

March 2022 – Present

- Built a social-media style website for developers to share project ideas and work together.
- Used React.js to build a modern, responsive front-end.
- Implemented Passport.js and JWT to sign users in.
- Learned the MERN stack and further developed understanding of client-server communication.

### WikiSearch | *Java, Gradle, IntelliJ IDEA*

January 2020

- Created a Java program that consumes Wikipedia's REST API to display revision data given a valid search term.
- Utilized JavaFX library to create a very basic UI.
- Practiced test driven development using JUnit.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML/CSS, Java

**Frameworks:** React, Node.js, Next.js, Nest.js, WordPress, Tailwind CSS

**Developer Tools:** Prisma, Git, VS Code, IntelliJ, PostgreSQL, MongoDB, Redis