

# David McDougal



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<https://2024-portfolio-davsav16.vercel.app/>

## Summary

I graduated From the BYU Marriott School of Business where I earned my BS Degree in Experience and Design Management. While there I was taught and gained experience in creating customer Journey Maps, UX, Project and Event Management, Data Analytics, and gathering data on customer experiences. Upon graduation from BYU, I received a Certificate in Full Stack Web Development from the University of Utah to add technical skills to the ones I had to better serve customers. I have experience in creating web apps using React, GraphQL, JavaScript, Global State, PWS, SCSS, Typescript, Shopify Liquid, MongoDB, IndexedDB, MySQL, Express, RESTFUL APIs, and much more. Currently, I am attending school at Western Governors University to obtain a CS degree in Software Engineering.

What I will bring to the table:

- More than 3 years of software engineering experience.
- Leadership experience and a team-first mentality.
- Experience in working for the needs of the customer.
- Expertise MERN Web Development.

## Experience



### Senior Developer

SiteSource

Sep 2022 - Present (1 year 1 month)

My responsibilities primarily focused on working closely with one of our largest clients, Manly Bands, to improve their Shopify store and improve the conversion rate of customers visiting their site.

- Through the work I did I was able to help them take the site speed from 68 to 90.
- Led implementation of adding an engraving option to rings to increase customer conversion.



### Frontend Engineer

byte®

Oct 2021 - Present (2 years)

I worked on Byte's Growth Team focusing on developing and improving their marketing site using Agile methodologies within Jira. I was tasked with creating new components and page redesigns in Next.js and Shopify. I focused primarily on converting Byte's Marketing pages and components from Liquid into React (using Next.js, Typescript, and SCSS) for use in a headless content management system (Contentful).

## Education



### Western Governors University

Bachelor of Science - BS, Software Engineering

Mar 2022 - Dec 2023

My degree focused on software engineering in Java, C++, and web development technologies. This program also focuses on data management and structures, software quality assurance, and UX design

principles. I received five professional certifications as part of this program: CompTIA's A+ Certification, CompTIA's Project+, AWS Certified Cloud Practitioner, and ITIL Foundation Certification.



## **University of Utah Professional Education Boot Camps**

### **Coding Certificate, Computer Software Engineering**

Mar 2021 - Aug 2021

Learned skills to become a full-stack MERN developer. I gained proficiency in the following areas:

Computer Science Applied to JavaScript: Data Structures and Algorithms.

Browser-Based Technologies: HTML, CSS, JavaScript, jQuery, Responsive Design, Bootstrap, Handlebars, Cookies, Local Storage, and React.js.

Deployment: Heroku, Git, and GitHub Pages.

Databases: MySQL and MongoDB.

PHP: Laravel

Node.js (Server-Side Development): Express, Security and Session Storage, User Authentication, and MERN Stack (MongoDB, Express.js, React.js, Node.js).

Quality Assurance: Writing Tests



## **Brigham Young University Marriott School of Business**

### **Bachelor of Science - BS, Experience and Design Management**

Jan 2016 - Dec 2020

While at BYU my studies focused on UX Design and developing experiences for users and customers. I completed 2 internships where I put these skills to use and also gained experience in gathering data (both quantifiable and non-quantifiable) from users and creating a customer experience Journey based off of that. Created and managed survey's using Qualtrics Software.

## **Licenses & Certifications**



### **Coding Bootcamp Full Stack Developer Certificate - University of Utah**



### **CompTIA A+ ce Certification - CompTIA**

Issued Aug 2022 - Expires Aug 2025



### **CompTIA Project+ Certification - CompTIA**



### **ITIL 4 ® Foundation - AXELOS Global Best Practice**

Issued Apr 2023 - Expires Mar 2026

## **Skills**

Netlify • Qualtrics • Amazon Web Services (AWS) • E-Commerce • Spring Framework • Java • IT  
Service Management • IT Management • Shopify Plus • Next.js