# MARGARET M. BARRINGER

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### **SUMMARY**

Creative Full-Stack developer passionate about constantly learning new things has led to a recent bootcamp certification from Vanderbilt. This demonstrates a desire to stay current on latest technologies being used in IT. Past experience includes the following career paths: data analyst, implementations analyst, front-end web developer and project manager. Though all different careers they have a common theme of healthcare, data & IT. Strongly believe that planning and attention to details are critical before starting any project.

### **TECHNICAL SKILLS**

PROGRAMMING LANGUAGES: JavaScript, Java, Caché ObjectScript, C#

LIBRARIES: jQuery, React

**RUNTIMES: Node** 

MARKUP & QUERY LANGUAGES: CSS3, HTML5, SQL

DATABASES: SQL Server, MySQL, Firebase, MongoDB, Cache

APPLICATIONS: Illustrator, Photoshop, Microsoft Office, MS Visio, PowerPoint, Excel, Microsoft

Project

## **TECHNICAL PROJECTS**

• Abode Organizer - <a href="https://github.com/missybarringer/Project-3">https://github.com/missybarringer/Project-3</a> - <a href="https://project-3-vbc.herokuapp.com/">https://project-3-vbc.herokuapp.com/</a>

A home organization app that helps you keep track of recurring home item purchases and when they are due to be re-stocked. Responsibilities: Project management, database CRUD operations, Github repository, Heroku deployment, graphic design, routing, database seeding Technologies: Mongoose, Axios, React, Victory charts, Express, Node, Mongoose, Bcrypt, Passport

Spontaneity - <a href="https://github.com/missybarringer/Spontaneity">https://missybarringer.github.io/Spontaneity/</a>

Spontaneity is an app that allows a user to enter a travel destination and a date to search locations. The user is given the weather, events, & local restaurants for that location & time for planning their spontaneous vacations. Responsibilities: Zomato API rendering and formatting and materialize datepicker. Technologies: JavaScript, jQuery, Firebase, OpenWeather API, Ticketmaster API, Zomator API

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#### PROFESSIONAL EXPERIENCE

Created weekly projects & apps at Vanderbilt's Full-stack bootcamp since January 2019.
 Participated in multiple group projects as well. Examples can be viewed on Github <a href="https://github.com/missybarringer">https://github.com/missybarringer</a>.

Key Accomplishments: See Technical Projects

Implementations manager for LIMS systems and Web Portals in clinical, forensic, and pain management laboratories. Lead on-site LIMS implementations, which included: creating & deploying Web portals, testing & QA, setting up both SQL and Cache databases, data extraction, mapping, migration, HL7 interfaces, instrument interfaces.

Key Accomplishments: Partnered with over 30 laboratories and increased their speed and efficiency by automation. Typically reduced the labs turnaround times by 50%. Gave the labs scalable tools that allowed them to grow and expand rapidly. Created custom adhoc reports and/or interfaces to increase productivity & meet any regulatory reporting needs.

 Initiated and implemented Quality Analysis for nineteen HCA database deliverables containing over 350,000 items at Medibuy. Provided leadership and feedback to Clinical Data Specialists.

Key Accomplishments: Reduced the returned items from HCA by over eighty percent.

### PROFESSIONAL WORK HISTORY

WebWabiSabi – Smyrna, TN

Website Company – Owner / Proprietor

Website design & development, Graphic design, Advertising banners & Logos

Common Cents Systems – Nashville, TN

Laboratory Information Systems Software Company

Senior Implementation Analyst

Medibuy - Nashville, TN

Clinical Data Specialist/Quality Analysis

### **EDUCATION**

Bootcamp Certificate: Vanderbilt University, Nashville, TN

# MARGARET M. BARRINGER

A 6 month intensive Full-stack program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, Sequelize, MongoDB, Handlebars.js, C#, and ReactJS.

BS in Information Technology: University of Phoniex Online, Phoenix, AZ

Associate of Science in Nursing: Motlow State Community College, Tullahoma, TN

RN license