

ALEXANDER BUI

228-731-6024 | alexmbui831@gmail.com | [LinkedIn](#) | [GitHub](#) | alexanderdbui.com

EXPERIENCE

SOFTWARE ENGINEER, IT INTERN

HUNTINGTON INGALLS

PASCAGOULA, MS 05/2022 – 08/2022

- Developed an interactive dashboard web app that displays useful company information using JavaScript and React while also trying to maintain best Agile practices

SKILLS

- HTML | CSS | JavaScript | PHP | Python | SQL | React | Tailwind | C++ | Git | Django | Assembly
- OOP | Dev Tools | Node | Express | Amazon Web Services | Front-end | Back-end | Full-stack
- Growth Mindset, Creativity, Critical Thinking, Interpersonal Communication

PROJECTS

DASHBOARD METRICS WEB APP

07/2022

FRONT-END | REACT | TAILWIND | JAVASCRIPT | SYNCFUSION

- Developed the front-end for a dashboard web app with functionalities consisting of graphs displaying sales metrics, sortable customer and employee lists with names, orders, projects, etc., and an employee work calendar.
- Researched technologies such as React, Syncfusion, and Tailwind that I thought would be useful for the project.
- Implemented Syncfusion library to render modular react components such as customizable graphs, sortable employee tables, and a calendar with planning capabilities. Experimented with Tailwind CSS and learned how it can make page stylization more efficient and precise.

TERMINAL PORTFOLIO WEBSITE

09/2022

FULL-STACK | JAVASCRIPT | NODE | EXPRESS | AWS | WINBOX

- Designed and developed an interactive website to showcase my projects and portray information about myself.
- Learned and implemented Node and Express back-end methods to connect to AWS and fully deployed this website on a personal domain using Elastic Beanstalk. Expressed creative freedom with the UI/UX design

POKEDEX API WEB APP

08/2022

FRONT-END | BACK-END | REACT | TAILWIND | AXIOS | REST API | JSON

- Developed a React web app to fetch Pokémon API data that displays selected Pokémon's names, images, type, and statuses that can be updated by the user.
- Learned how to execute REST API methods to retrieve JSON data while practicing CRUD techniques to display API information. Implemented map functions to read nested JSON data.

AGECON BUDGET CALCULATOR WEBSITE

02/2022

FRONT-END | JAVASCRIPT | POSTGRESQL | GIT

- Senior project collaboration with MSU Agricultural Economy division that focused on boosting farmers time efficiency when calculating personal yearly budget
- Lead programmer and CSS stylizer for the front-end of the website. Practiced communicating with stakeholders and understanding their visions while also explaining to them about software limitations.

BOOK STORE GROUP PROJECT

10/2021

PYTHON | MYSQL

- Created a command line bookstore with functionalities consisting of user login, editing personal info, viewing items, adding items to cart, removing items from cart, check out, viewing purchase history, and deleting account. Practiced creating database tables and using SQL queries to create, read, update, delete, etc. data for the above functionalities.

EDUCATION

MISSISSIPPI STATE UNIVERSITY

2018 - 2022

- Bachelor of Science: Software Engineering | GPA 3.39/4.00
- Coursework: Algorithms, Data Structures and Analysis of Algorithms, Discrete Structures, Database Management

THE ODIN PROJECT COURSE

2021

- Online coding course that taught me about Web Development, Browser Dev tools, CSS Flexbox & Grid, DOM manipulation, Objects & Object Constructors, Active listeners, GitHub repositories & branches, and git commands.