

CHRISTOPHER BOWMAN

Full Stack Developer - New London, CT | 508-302-9166

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SUMMARY

Software developer specializing in full stack JavaScript technologies. Obtained a certificate from General Assembly's Software Engineering program. Worked on multiple teams to develop full stack applications. Prior to software development I have experience in mechanical engineering. Looking to leverage my unique background and knowledge in software development to ensure the delivery of quality products.

TECHNICAL SKILLS

Languages - JavaScript | Python | SQL | Mongo | JSON | EJS | HTML5 | CSS

Databases - PostgreSQL | MongoDB

Libraries and Frameworks - React.js | Express.js | Django

PROFESSIONAL WORK EXPERIENCE

3/2023 - Present

Independent Consultant | Full Stack Developer

[Scott's Landscaping, Inc](#) - MongoDB | Express | React.js | Node.js | HTML | CSS | JSON

- Utilized React.js front end with Express backend and MongoDB for first deployment.
- Incorporated responsiveness for mobile devices.
- Responsible for UX/UI design decisions as well as development.

6/2020 - 11/2022

General Dynamics Electric Boat | Structural Engineer II

- Produced models for 2 Virginia and 1 Columbia class Submarine, using ABAQUS scripting (a Python object-oriented programming language).
- Analyzed models using Finite Element Method software ABAQUS/CAE and a Python based house code.
- Collaborated with engineers as part of a team to produce well-organized and professional documentation for calculations.

1/2019 - 12/2019

University of Massachusetts, Amherst | Teaching Assistant

- Supported two classes for "Theory- Modeling Principles and Applications in Finite Element Analysis" and "Machine Component Design", gaining leadership experience.
- Hosted 2 and 3-hour, well attended, office hour sessions twice weekly for 14 weeks and accurately graded over 300 mini projects of high technical difficulty.

SOFTWARE DEVELOPMENT PROJECTS

3/2023

[Money Mania](#) - MongoDB | Express | React.js | Node.js | HTML | CSS | JSON

Money Mania is a MERN application designed for students to learn about finance. For the GA 2023 Gamifying Hackathon and placing runner up. Worked on a team of 3 UX/UI designers and 4 software developers. Responsible for the backend server as well as 3 client pages.

2/2023

[Millie's Messenger](#) - Sockets.IO | MongoDB | Express | React.js | Node.js | HTML | CSS | JSON | JWT

Millie's Messenger is a MERN chat application designed to live chat with other users using Socket.IO. A user can login and send private messages to others, join a live chat room, and set a status.

12/2022

[HAPI HOUR](#) - React.js | JavaScript | HTML | CSS | Grid | Flexbox | thecocktaildb.com

HAPI Hour is a front-end web application built to help users navigate recipes from thecocktaildb API. Users can search by name/phrase search engine, search by ingredient search engine, or start with a base ingredient choice and browse.

EDUCATION

2/2023

General Assembly

Software Engineering Immersive, Bootcamp

- Full stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, SQL queries, and team collaboration strategies. Developed a portfolio of individual and group projects.

5/2020

University of Massachusetts, Amherst

Bachelor of Science in Mechanical Engineering

- Coursework in Computer Science, Engineering Statistics, Linear Algebra, Differential Equations, Multivariable Calculus, Calculus.