CHRISTOPHER BOWMAN

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

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SUMMARY

Full Stack 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
Libraries and Frameworks - React.js | Express.js | Django | Flask
Databases - PostgreSQL | MongoDB

PROFESSIONAL WORK EXPERIENCE

Independent Consultant - Software Developer | 3/2023 - Present
Scott's Landscaping , Inc
Express | React.js | Node.js | HTML | CSS | JSON
Responsible for scottslandscaping.org UX/UI design decisions as well as development. Incorporated a responsive design for mobile devices. Integrated SendGrid to handle email services. Tasked with handling domain registrar transfer and DNS record updates.

General Dynamics Electric Boat - Structural Engineer II | 6/2020 - 11/2022
Produced models for 2 Virginia and 1 Columbia class Submarine, using ABAQUS scripting (Python). Analyzed with Finite Element Method software ABAQUS/CAE and a Python based house code. Collaborated with engineers to produce well-organized and professional documentation for calculations.

University of Massachusetts, Amherst - Teaching Assistant | 1/2019 - 12/2019
Supported two engineering classes gaining leadership experience. Hosted 2 and 3-hour, well attended, office hour sessions twice weekly for 14 weeks and accurately graded over 300 projects of high technical difficulty.

SOFTWARE DEVELOPMENT PROJECTS

Money Mania - 3/2023
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.

Millie's Messenger - 2/2023
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.

HAPI HOUR - 12/2022
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

General Assembly - Software Engineering Immersive, Bootcamp | 2/2023
Full stack software engineering immersive student in an intensive, twelve-week, 450+ hour program.

University of Massachusetts, Amherst - Bachelor of Science in Mechanical Engineering | 5/2020