Benjamin R Whittaker

Software Engineer by day, dad by night.

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SUMMARY

I'm a family-oriented individual who shifted careers to pursue software engineering. With a blend of managerial experience, customer focus, and adaptability, I'm eager to drive innovation in the tech industry as a Software Engineer, specializing in full-stack development.

SKILLS

Languages: JavaScript / HTML / CSS / Python / SQL / JSON / EJS / Typescript
Database: PostgreSQL / MongoDB / REST API
Libraries and Frameworks: React / Express.js / Django / Bootstrap / Redux
Other: Figma / VS Code / Zoom / Slack / Trello / Draw.io / Lucidcharts

CERTIFICATES

HTML5 + CSS + Bootstrap: The Beginner Web Design Course	10/2023
Modern HTML & CSS from the Beginning (Including Sass)	11/2023
JavaScript Basics for Beginners	11/2023

SOFTWARE DEVELOPMENT PROJECTS   09/2023 - Present

EasyBudget | GitHub | HTML / CSS / MongoDB / Express / React / Node   12/2023
- Built a full-stack app using MERN with full CRUD. Users can track transactions and budgets and can authorize the app to access their bank accounts for automatic updates, providing a complete view of all activities in one place.
- Created full user authentication (with error handling), organized models, controllers, routes, and utilities, and connected the backend to the front end.
- Set up the basic structure of the React application, and created user log-in, registration, dashboard, and profile pages. Created components, screens, and slices using Redux toolkit.

DungeonFit | GitHub | HTML / CSS / MongoDB / Express / React / Node   11/2023
Technical Project Manager/Front-end Developer
- Developed a mobile-first full-stack exercise app with RPG-style gamification, allowing users to earn attributes and experience points through activity and workout logging.
- Completed as a group of 3 as a team project using MERN with full CRUD capabilities.
- Built basic user log-in and authentication, register, update, and delete functions using the controllers.
- Created the front end of log-in, as well as many sub-applicated pages (including user registration, home, character profile, activities, achievements, group information, and invite).
- Integration between the backend and front end to make a full CRUD dynamic between the two.

QuotaQuest | GitHub | HTML / CSS / Express.js / JavaScript / MongoDB   10/2023
- Create a full stack app using Node / Express / MongoDB app from the ground up and have full CRUD capabilities.
- Designed to help users keep track of their daily tasks using gamification features such as a points system that encourages users to achieve their goals and feel a sense of accomplishment.
- Delivered controllers and models to achieve full CRUD capability. Through JavaScript, set up functions to create, update, and delete tasks dynamically—and made the database in MongoDB.

- Crafted a user dashboard with dynamically created cards that show tasks completed, a points system, and overall "Momentum medals" gained through daily activity.

Star Blaster | [GitHub](#) | HTML / CSS / JavaScript   09/2023
- Created a browser-based game utilizing HTML / CSS / JavaScript and used JavaScript to serve as the front-end methods and functions.
- Created an "Asteroids" remake with some new-aged spins on the original game and included a leaderboard and different levels of difficulty for users.
- Styled and created the visual aspects using HTML 5 and CSS 3 - deployed using Netlify ([view game](#)).

Choose your adventure | [GitHub](#) | HTML / CSS / JavaScript   09/2023
- Created a text-based game enabling users to reach various "destinations" based on their input, incorporating initial data types, variables, operators, conditional blocks, and interactive user input.
- Created the potential user flows and scenarios a user would be pathed through based on the questions they answered.
- Using HTML and JavaScript, the program offers 8 outcomes for users to continue until the end of the game. Deployed with Surge.

PROFESSIONAL EXPERIENCE

Project Management Lead / Supervisor, B.W. Construction Co. | Spencer, MA   07/2018 - 06/2023
Skills: Project Management · Conflict Resolution · Site Management and Supervision · Leadership
- Elevated the company's DECAMM rating from $11.2M to $17.7M through effective supervision and project management over 2 jobs.
- Negotiated prices down for bidding by 40%, securing the winning bid at $600,000 below the next highest, showcasing cost-effective project management and strategic negotiation skills.
- Oversaw all subcontractors daily, delegated responsibilities, and oversaw all work in progress – the latest job value of $10.6M.
- Evaluated weekly improvements in workflow and determined a strategy for minimizing potential delays.
- Kept schedule on task daily to ensure a timely finishing date.

Universal Banker, Citizens Bank | Westborough, MA   08/2016 - 06/2018
Skills: Communication · Leadership · Sales · Customer Service
- Appointed the Operations Lead, and "Your Place Banking" Lead, coordinated daily standups before opening of the bank.
- Opened and maintained customer accounts, and helped them with their everyday banking needs.
- Worked with clients planning for life events; pointing them toward the best product fitting their needs.

EDUCATION

GENERAL ASSEMBLY | Remote
Software Engineering Immersive   09/2023 - 12/2023
12-week, 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

QUINSIGAMOND COMMUNITY COLLEGE | Worcester, MA
Associates of Science in Automotive Technology   09/2008 - 06/2010
3.2 GPA