Matt Wilson

Experienced full-stack web developer capable of delivering dynamic and scalable web applications.
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PROFESSIONAL SUMMARY

I am a driven and curious Full Stack Web Developer with a strong foundation in software engineering principles and a diverse background as a physical therapist. Possessing a passion for problem-solving and a commitment to delivering reliable and efficient solutions, I am seeking to leverage my skills and experience to contribute to the development of innovative and user-friendly web applications. My background in physical therapy has honed my ability to think creatively and approach challenges from multiple perspectives, making me well-equipped to tackle complex issues and drive successful outcomes.

WORK EXPERIENCE

Self Taught Developer   **August 2021 - Current**
- Successfully completed the 8-month full stack web development course, The Odin Project, while balancing a full-time job as a physical therapist.
- Completed 22 full stack web development projects with HTML, CSS, JavaScript, and React via The Odin Project, yielding comprehensive understanding and ability to build and launch functional web apps.

SKILLS

Programming Languages: JavaScript (Advanced), TypeScript (Proficient)
Technologies: HTML, CSS, React, NodeJS, Express, Jest, MongoDB, MySQL, GIT, GitHub

EDUCATION

Doctorate of Physical Therapy, Duke University   **Aug 2018 - May 2021**
- GPA 3.8

PROJECTS

Lead Developer, The Odin Book (github.com/Mattwwilson34/the-odin-book)   **Nov 2022 – Current**
- Developed an open-source web app, mimicking the functionality of popular social media platforms, featuring over 5 unique pages including account creation, post creation, and friend interaction functionality.
- Designed a MySQL database schema consisting of over 7 interconnected tables, and successfully integrated it with a nodeJS and express backend.
- Implemented database seeding logic allowing for dynamic creation of unique users, photos, comments, posts, and friendships, resulting in improved testing efficiency for variable user bases.
- Technologies: React, React Query, React Router, Javascript, Node.js, MySQL, Express, HTML, CSS

Lead Developer, Weather Dashboard (github.com/Mattwwilson34/weather-dashboard)   **Aug 2022 – Oct 2022**
- Built a full stack web app that gathers weather data from a user provided zip code and generates a responsive weather dashboard with 5 days of forecasting and up to 8 time points per day displayed in a visually appealing graph.
- Successfully integrated data from 2 separate APIs, implementing API security measures to prevent key disclosure, resulting in the ability to generate both randomly selected and user-specified weather information.
- Technologies: React, Javascript, webpack, Node.js, Express, Axios, HTML, CSS

Lead Developer, Memory Game (github.com/Mattwwilson34/memory-game)   **Feb 2022 – March 2022**
- Programmed a Pokemon based memory game that challenges users to click on 36 unique cards with images generated from API calls and card shuffling implemented via the Fisher-Yates shuffle algorithm.
- Demonstrated proficiency in Test Driven Development by creating thorough test cases for 7 React components.
- Fixed critical game bug resulting from card randomization creating a board of cards already selected by the user.
- Technologies: React, Javascript, Jest, webpack, HTML, CSS, Fisher-Yates shuffle algorithm