

# KATHLEEN MERCADO

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## PROFESSIONAL SUMMARY

Driven by a passion for emerging technologies and lifelong learning, I am actively pursuing a software engineer role. With 5+ years of healthcare experience, I bring a unique perspective and valuable skills in problem-solving, analytical thinking, attention to detail, and effective communication. Committed to collaboration, excellence, and constant growth, I am eager to join a team that shares these values and make a meaningful impact.

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## TECHNICAL SKILLS

- **Front-End:** HTML, CSS, JavaScript (Vanilla JS, ES6), TypeScript, React.js, Next.js, Bootstrap, Tailwind CSS, WordPress, Figma, DOM Manipulation
  - **Back-End:** Node.js, Express.js, MongoDB, Google Firebase & Firestore, REST APIs, Object Oriented Programming
  - **Version Control:** Git, GitHub, Gitpod, Visual Studio Code
  - **Additional Tools:** Electronic Medical Records (EMR/EHR), Google Workspace, Microsoft Office, Trello
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## EXPERIENCE

**Web Developer (Contract Position)** | *Nexus Technologies Group, LLC.* March 2023 – April 2023

- Designed and built a WordPress website for a Jamaican restaurant, while coordinating with the client to understand project specifications, integrate their brand voice, and successfully meet their launch timeline.
- Collaborated with a team of 3 developers to create a responsive website aimed at boosting traffic and online orders.
- Improved communication and workflow efficiency with Microsoft Teams and Trello.

**Physical Therapist** | *Ivy Rehab Physical Therapy & Pivot Physical Therapy* Nov 2018 - Oct 2021

- Utilized data analysis to track patient progress, identify trends, and make data-driven decisions that led to a 25% reduction in treatment duration and readmission rates.
  - Quickly adapted to new healthcare technologies and displayed a strong aptitude for learning new technical skills, saving 25% on administrative time and improving workflow.
  - Applied problem-solving skills to develop tailored treatment plans, demonstrating analytical thinking and attention to detail, resulting in overall improvements in patient outcomes and retention.
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## EDUCATION

**Per Scholas** | *Computer Software Engineering Immersive Bootcamp* Sept 2022 - Jan 2023

- Successfully completed a full stack software development program, achieving a 99.63% final grade, where I gained proficiency in the MERN stack, JavaScript, and computer science concepts.

**Design Lab** | *UX Foundations: Visual and UI Design Course for Beginners* May 2022 - Aug 2022

- Designed responsive screens, icons, and logos in Figma incorporating visual design elements, user interface design principles, empathy for users, and user accessibility concepts with the goal of optimizing user experience.

**Northeastern University** - Boston, MA

- Doctor of Physical Therapy (DPT)
  - Bachelor of Science (BS) in Rehabilitation Science, Cum Laude
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## SOFTWARE PROJECTS

### Web Application - Recipe Finder: [Link](#) | [Code](#)

- *Solo project* | JavaScript, React, MongoDB, Node.js, Express.js, CSS3, JSON Web Token
- Designed and built a full-stack web app for ingredient-based recipe searches using the MERN stack.
- Implemented full CRUD operations, JWT user authentication, HTTP requests, and React hooks.

### Mobile Application - TherapEase: [Link](#) | [Code](#)

- *Team project* | TypeScript, Next.js, Google Firebase & Firestore, Tailwind CSS, Figma
- Collaborated with a team of 4 developers to create an app to enhance the appointment scheduling process for patients and physical therapists.
- Implemented Agile work methodologies and pair programming using tools such as Trello, Discord, and VS Code Live Share and produced low-fidelity wireframes in Figma to meet user needs.

### 2D Game - The Helicopter Game: [Link](#) | [Code](#)

- *Solo project* | HTML5, HTML Canvas, CSS3, Vanilla JavaScript
- Recreated the classic Helicopter Game with new features such as 1 or 2-player modes, player lives, and high score functionality.
- Included use of classes, objects, DOM manipulation, local storage, event listeners, and flexbox.