

NICHOLAS MANNING | Full Stack Software Engineer

Minneapolis, MN | njmanning212@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

I am a Doctor of Physical Therapy turned full-stack software engineer bringing a strong focus on creative problem-solving and attention to detail, with a passion for creating effective and impactful solutions. With my healthcare background, I am able to implement a blend of technical experience, clear and concise communication, and a human-centric perspective to my work. I am proficient in but not limited to HTML, CSS, JavaScript, Mongoose, and Express. I am committed to delivering high-quality work that meets the unique needs of each client, exceeds expectations, and always strive to improve my skills and expand my knowledge.

TECHNICAL & INTERPERSONAL SKILLS

- **Languages:** JavaScript, Python, SQL, HTML, CSS, JSON
- **Libraries and Frameworks:** React, Express.js, Node.js, Mongoose, Django
- **Databases and other:** PostgreSQL, MongoDB, REST API's, third party API, Docker MVC, OOP
- **Interpersonal skills:** communications, collaboration, time management, dependability

TECHNICAL PROJECTS

Wordle On The Beach | March 2023 - Built with HTML, CSS, and Javascript | [GitHub Repository](#) | [Deployed Link](#)

In The Arena | April 2023 - Built with MEN, Google Authorization, and utilizes CRUD | [GitHub Repository](#) | [Deployed Link](#)

appliCANT | May 2023 - Built with MERN, JWT, and a group for collaboration | [GitHub Repository](#) | [Deployed Link](#)

Move Every Day | June 2023 - Built with Django, Python, utilizes PostgreSQL | [GitHub Repository](#) | [Deployed Link](#)

EXPERIENCE

Doctor of Physical Therapy | Gray Duck Physical Therapy PLLC | Coon Rapids, MN | December 2019 - Present

- Developed referral network through local community events, online marketing, and connections with primary care physicians from multiple institutions, successfully increasing caseload and revenue up to \$250K annually by year 3.
- Expertly managed self-scheduling and daily operations, allowing for independent work and increased productivity.
- Created and maintained a [website](#) for the business through Wix.
- Built a research network for creative problem-solving across diverse client groups.

Head of Physical Therapy Department | Axness Integrative Medicine | Baxter, MN | September 2018 - November 2019

- Successfully established a physical therapy department within an integrative medicine team including massage therapists, Physician Assistants, Chiropractors, etc.
- Provided training and supervision for Physical Therapist Assistant (PTA) staff daily, ensuring high-quality care.

Doctor of Physical Therapy | Aegis Therapies | Osseo, MN | November 2017 - August 2018

- Managed 6 PTA staff within a 20-bed TCU, 100-bed LTC unit, and home care in the surrounding area.
- Efficiently and routinely communicated with multiple professions including Speech Therapists, Occupational Therapists, Nursing, Personal Care Attendants, Physicians, and families to effectively plan treatment plans, adapt them based on progress, and efficiently execute them.
- Regularly incorporated simultaneous treatment with other professions to ensure streamlined and optimal results attained for patients.

Doctor of Physical Therapy | Courage Kenny Rehabilitation | Coon Rapids, MN | July 2016 - October 2017

- Demonstrated flexibility and adaptability as a float therapist, transferring facilities every 1-3 months, and assisting other clinicians' caseloads in fast-paced environments.
- Able to quickly learn and implement sub-specialties for various facilities: spine rehabilitation, pool therapy, etc.

EDUCATION

General Assembly | Software Engineering immersive | March 2023 - June 2023

St. Catherine University | Doctorate of Physical Therapy | September 2013 - May 2016

University of MN - Twin Cities | Bachelor of Science in Kinesiology | September 2009 - December 2012