Nicholas Manning

(+1) 612-382-9025 | njmanning212@gmail.com | LinkedIn | GitHub | Portfolio | Minneapolis, MN

FULL-STACK SOFTWARE ENGINEER

Full-stack developer with a healthcare background as a Doctor of Physical Therapy, bringing a unique mix of creative problem-solving, user-centered perspective, and technical prowess. Excelling at crafting impactful solutions with a commitment to high-quality work, effective communication, and continuous skill enhancement. Passionate about leveraging my diverse experience for superior, client-focused outcomes.

SKILLS

Languages: JavaScript, TypeScript, SQL, Python, HTML5, CSS3
Primary Libraries & Frameworks: React, Node, Express, Mongoose, Sequelize
Databases and other: PostgreSQL, MongoDB, RESTful Routing, AJAX, Postman, AWS
Tooling, Workflow & Deployment: Git, Github, Docker, CI/CD, Netlify, Fly.io, Vite
Interpersonal and other: Attention to detail, collaboration, team and time management, written and oral communication

RECENT TECHNICAL PROJECTS

appliCANt - GitHub | App - MongoDB, Express.js, Node.js, React, JWT, MUI components
An app for job seekers to access resources to support their search and track their applications
- In collaboration with two other engineers, built a MERN stack app with JWT auth to organize users' job search
- Utilized React with MUI components to build a seamless and consistent spreadsheet-style front-end interface
- Served as main engineer for development of jobs back-end and resources front-end

Move Every Day - GitHub | App - Python, Django, PostgreSQL, AWS, Docker
An app to help users and healthcare professionals save, share, and store exercises for ease of repeated use
- Independently created a full-stack Django app through Docker connecting to PostgreSQL database in Supabase
- Utilized AWS cloud storage for photo thumbnails of exercises

In The Arena - GitHub | App - Node.js, Express.js, EJS, HTML, Google Oauth
An app for struggling individual to find, rate, and share mental health resources
- Individually developed a MEN stack app to help disperse and discern high quality mental health resources
- Leveraged Google OAuth to secure access to the application

Wordle on the Beach - GitHub | App - JavaScript, CSS3, HTML
A Wordle clone with a beach design with allocations for changing of difficulty
- Created and styled the responsive application using Styled-Components and CSS3 with Flexbox and Flexgrid layouts
- Incorporation of an additional hint functionality to help users increase strategy development

EXPERIENCE

Gray Duck Physical Therapy PLLC   *Coon Rapids, MN, 11/2019 - Present*
Owner/Doctor of Physical Therapy
- Independently researched best practices to treat 200+ unique individuals with 100% success rate of pain resolution
- Successful management of website and marketing to generate $250K annually by year 3

Axness Integrative Medicine   *Baxter, MN, 09/2018 - 11/2019*
Doctor of Physical Therapy
- Successfully established profitable physical therapy department within integrative medicine clinic in one year
- Trained and supervised new-grad physical therapist assistant to provide best practice care with 90%+ success rate

Aegis Therapies   *Osseo, MN, 11/2017 - 08/2018*
Doctor of Physical Therapy
- Lead therapist for a 20-Bed TCU, 100-bed LTC, and surrounding region home care coordinating with 5+ other healthcare disciplines maintaining a 93% productivity rate while producing a 90% planned discharge location

Courage Kenny Rehabilitation   *Coon Rapids, MN, 07/2016 - 10/2017*
- Through transferring facilities every 1-3 months, demonstrated adaptability with implementation of 3 subspecialties producing 80%+ successful treatment rate

EDUCATION

General Assembly   *Remote, Graduated: 06/2023*
- Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies

St. Catherine University   *St. Paul, MN, Graduated: 06/2016*
- Completion of Doctorate of Physical Therapy (DPT) Program

University of MN - Twin Cities Campus   *Minneapolis, MN, Graduated: 12/2013*
- Bachelors of Science in Kinesiology