

Marty Vanzo

Full-Stack Software Engineer

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Hard-working, customer-oriented, and impact-driven; I am a software engineer with an ability to find effective, concise solutions to complex problems with an iterative and structured approach. I utilize my experience as a healthcare provider and collegiate athlete to thrive in fast-paced environments.

SKILLS

Languages (JavaScript, Python), **Platforms/Frameworks** (React, Node, Express, Sequelize, Mongoose), **Database** (PostgreSQL, MongoDB), **Web Protocols** (HTTP, RESTful APIs, AJAX), **Others Skills** (SQL, HTML, CSS, Object-Oriented Programming, Git, GitHub, ERD, Bootstrap, Responsive Design, Bash, Chart.js)

PROFESSIONAL EXPERIENCE

Software Engineering Fellow | General Assembly | Remote | Jan 2022 - Apr 2022

500-hour full-stack Software Engineering immersive with the most up-to-date front and back-end programming languages, tools, and methodologies. Developed a portfolio of projects including:

- **Stu-Knits**: Individual project: Full stack scalable e-commerce website. Decoupled MERN app with seeded database for inventory API calls and third-party Stripe credit card checkout page. Responsive styling via Bootstrap 5 and media queries.
 - [Deployed Link](#)
 - Tech stack: MongoDB, Mongoose, Express, React, Node
- **Rankify**: Group project with a team of 3 other developers: Decoupled MERN app. Song guessing game for a selected artist using Spotify's API with multiple levels of difficulty. I was the back-end git manager and was able to minimize merge conflicts throughout project development and deployment.
 - [Deployed Link](#)
 - Tech stack: MongoDB, Mongoose, Express, React, Node
- **Touring Reports**: Individual project: Full-stack app featuring trip reports and API-sourced weather for backcountry skiing in Washington state. Users can log in to view and create trip reports as well as view hourly and 7 day forecast charts for specific GPS locations.
 - [Deployed Link](#)
 - Tech stack: Javascript, Node.js, Express, PostgreSQL, Sequelize, Chart.js
- **Get That Cheese**: Frontend one player game on a 2D canvas map with player movement control and collision detection. Object-oriented programming implemented for DRY code and improved performance.
 - [Deployed Link](#)
 - Tech stack: JavaScript, Canvas, HTML, CSS

Physical Therapist | Aldercrest Health & Rehab, Real Rehab, PT Pro | Mar 2019 - Jan 2022

- Managed a team of 5 PTs/PTAs to maintain the plan of care
- Developed and oversaw plan of care including identification of metrics for safe discharge
- Communicated effectively with patients, their families, and the entire care team
- Implemented evidence-based, effective interventions to help patients reach their goals

EDUCATION

General Assembly | Software Engineering Immersive | Remote | April 2022

University of Vermont | Doctorate of Physical Therapy | Burlington, VT | June 2017

St. Michael's College | B.S. Biology | Colchester, VT | December 2013