NICK MILLER
Full Stack Software Engineer

**Montpelier, VT | 802.377.1779 | nickbarrettmiller@gmail.com | www.github.com/nickdbmiller |
www.linkedin.com/in/ndbmiller | https://www.nickdbmiller.com**

As a full stack developer I am driven to simplify intricate problems. My background in systems level thinking enables me to see the sum of complex interactions. Solving tough challenges inspires me to pursue information with tenacity and confidence, and intuit creative ways to overcome obstacles.

Skills

- Programming Languages: HTML 5, CSS 3, JavaScript with ES6, Ruby
- Libraries and Frameworks: React JS, Node JS, Axios, Tailwind CSS, Mongoose, Express JS, Rails
- Databases: MongoDB, PostgreSQL, SQL, RESTful API
- Tools: Git, GitHub, Figma, Netlify, Heroku, Surge

Software Engineering Experience

Software Engineering Fellow | General Assembly | Remote | Nov 2021 - Mar 2022
- **E-Commerce UI - "Needful" - https://needfulshop.netlify.app**
  - Full CRUD web application with e-commerce UI. Features user authentication, product reviews, and favorites. **React JS | Node JS | Tailwind CSS | Ruby on Rails | PSQL**

- **Board Game Simulator - "Bored? Game!" - https://competent-noyce-c7b535.netlify.app**
  - An in browser board game simulator. Features user authentication, local multiplayer, and save games. As part of a team I was responsible for mongoose schemas, MongoDB management, and back end routes for game state. **React JS | Node JS | Tailwind CSS | Express | MongoDB**

- **Engineering Tool - "efficient.ly" - https://builtefficiently.netlify.app**
  - A browser tool used to accurately size heating load requirements for residential buildings, with real engineering data. **React JS | Node JS | Tailwind CSS | Air Table**

- **Browser Game - "Web of Rogues" - https://nickdbmiller.github.io/Web-of-Rogues-Game**
  - A browser rogue-like adventure game featuring retro aesthetic UI, and procedural level generation. **JavaScript | Node JS | HTML | CSS**

Additional Experience

Lead Engineer | Tiny House | Reading, MA | Mar 2019 - Mar 2021
- Designed innovative passive solar Tiny House exceeding requirements of residential code
- Lead volunteer construction teams for 5+ large projects

Compliance Coordinator | American Tower | Woburn, MA | Sept 2018 - Apr 2020
- Created hazmat emergency maps for 200+ telecoms sites on a collaborative team
- Coordinated time sensitive hazmat cleanups ensuring quality, and attention to detail

Education

General Assembly | Certificate in Software Engineering | Remote | Nov 2021 - Mar 2022

University of Massachusetts Amherst | Bachelor's Degree in Environmental Science | Amherst, MA