Jacob (Jake) R. Tabor
Software Engineer

Brooklyn, NY | 607.435.6158 | Github | LinkedIn | Portfolio | e. jtabor214@gmail.com

SKILLS

Languages:
Javascript, SQL, Ruby, HTML, CSS

Framework/Tools:
React, Redux, Ruby on Rails, Mongoose, MongoDB, Express.js, Node.js, PostgreSQL, SQLite3, Webpack, npm, Postman, Amazon Web Service (AWS), Git.

PROJECTS

TrackShack (*React, Redux, TypeScript, Javascript, MongoDB, AWS, CSS*)
- Developed dynamic React components to tailor user interface elements, implementing Redux's state management tools and event handling features to respond to user interactions, enhancing user engagement and ensuring scalability for future feature expansions.
- Employed React's routing capabilities to implement seamless navigation paths throughout the application, building an intuitive user experience and efficient interaction across the application.
- Collaborated with a team of developers on a shared codebase using Git to manage workflow, facilitating seamless code integration, conflict resolution, and feature branching to ensure efficient development workflows and codebase stability.

Betsy (*Javascript, React, Redux, Ruby on Rails, CSS, HTML*)
- Implemented a custom User Authentication system utilizing a Bcrypt Hashing Function in the backend and React Auth Routes on the frontend to prevent the storage of "plain-text" passwords.
- Leveraged AWS data management services to establish a third party cloud storage, enabling communication with backend routes to dynamically render image assets across the site ensuring efficient management and delivery of visual content.
- Utilized Ruby on Rails to develop the backend infrastructure, integrating RESTful routes to seamlessly interact with a React frontend, maintaining efficient communication and facilitating real-time updates between server and client-side components.

Boblin's Adventure Guide (*Vanilla Javascript, SCSS, HTML*)
- Integrated Vanilla Javascript to craft the core functionality of the application with robust event handling mechanisms and asynchronous programming techniques to improve data processing.
- Drew from a third-party API to gather information–leveraging external data sources to extend the applications capabilities beyond its written core features
- Applied DOM manipulation to control the rendering of fetched API data within the application, allowing for a dynamic and responsive user interface for fluid user interaction.

EXPERIENCE

Blacksmith, Metal Fabricator, Forged Artistry LLC. / Metal by David DeSantis, *Durhamville, NY*
Worked with a team of designers and craftsmen to create high end products from original blueprints using traditional and modern metal fabrication techniques. (2020-2022)

Blacksmith, Schatzel Forgeworks, *Milford, NY*
Continued traditional craft at a private shop specializing in 18th and 19th century historical replication. (2017 – 2019)

Historical Interpreter, Blacksmithing, The Farmers' Museum, *Cooperstown, NY*
Researched, demonstrated, and interpreted blacksmithing in 1840's occupational life at a popular open-air museum. Interacted with guests to explain historical details and answer questions. Instructed groups during blacksmithing activities and produced items sold by the museum's store. (2015 – 2017)

EDUCATION

App Academy, *New York, NY (2023- 2024)*
State University of New York at Geneseo, *Geneseo, NY (2015 – 2019)*
Bachelor of Arts in American Studies and Native American Studies (Spring 2019)