Jake Tabor

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SKILLS

Python, Javascript, SQL, Ruby, HTML, CSS, React, Redux, Ruby on Rails, Mongoose, MongoDB, Express.js, Node.js, PostgreSQL, SQLite3, Webpack, npm, Postman, Amazon Web Service (AWS), Git.

EXPERIENCE

Software Developer, Regulatory Solutions, *Prescott Valley, AZ*
- Led the development and integration of MongoDB as a stateless database solution, working closely with the lead developer to facilitate a smooth migration from a relational database while maintaining standards of data integrity and application performance.
- Spearheaded the design and implementation of MongoDB schema structures in collaboration with cross-functional teams, tailoring them to the precise needs of customer data collection.

Software Engineer, DataAnnotation, *New York, NY*
- Developed and enhanced AI chatbots' coding capabilities using Python and JavaScript, designing coding prompts to improve bots' comprehension and code generation accuracy.
- Articulated solutions' logic and efficiency effectively, clarifying problem-solving processes to facilitate advancements in AI learning algorithms and ensure educative outcomes.
- Evaluated and refined AI-generated code, focusing on accuracy, efficiency, and performance to enhance chatbot programming task operations and increase overall reliability in AI-driven code generation.

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 interact with a React frontend, maintaining 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 application's capabilities beyond its written core features.

ADDITIONAL EXPERIENCE

Blacksmith, Metal Fabricator, Forged Artistry LLC. / Metal by David DeSantis, *Durhamville, NY*
- Worked with a multidisciplinary team of designers and craftsmen to conceptualize and fabricate high-end products from original blueprints. Applied traditional craftsmanship and modern fabrication techniques to solve design challenges and ensure precision in product execution. (2020-2022)

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)