Benjamin Tousifar

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Professional Summary

Frontend Developer specializing in JavaScript and modular web apps. Built projects with localStorage persistence and REST API integration. Transitioning from data engineering with SQL/ETL expertise.

Skills

Frontend Development: JavaScript (ES6+) | HTML5 | CSS3 | Responsive Web Design | DOM Manipulation | Event Handling | JSON | Webpack | Module Bundling | Performance Optimization

Data & Architecture: RESTful APIs | localStorage | Data Persistence | Separation of Concerns | Modular Architecture | Chrome DevTools Debugging

Workflow & Tools: Git/GitHub | Agile Methodologies | VS Code | npm

Work Experience

LTIMindtree - Data Engineer   Jan 2022 - March 2024

- Optimized SAP/Oracle data flows using PowerCenter and SQL, ensuring 100% accurate transfers
- Automated ETL pipelines in Azure Data Factory, reducing manual processes by 25%

Education

UC San Diego, Bachelors in Electrical and Computer Engineering.   June 2021

Projects

Knights Travails Algorithm | [GitHub](#)
- Implemented breadth-first search (BFS) pathfinding algorithm to find shortest chess knight routes
- Built efficient graph traversal with queue-based exploration and parent tracking for path reconstruction
- Demonstrated computer science fundamentals with optimal time/space complexity (O(n) for 8x8 board)

Weather App | [Live Demo](#) | [GitHub](#)
- Built responsive weather application with OpenWeatherMap API integration and 5-day forecast functionality
- Engineered coordinate-based forecast system using geolocation data from current weather API calls
- Implemented modular ES6+ architecture with custom event systems and clean separation of concerns
- Designed temperature unit toggle with CSS animations and comprehensive error handling for improved UX

Todo List App | [Live Demo](#) | [GitHub](#)
- Implemented separation of concerns with dedicated logic modules (business rules) and DOM modules (UI rendering)
- Achieved data persistence using local Storage with robust error handling
- Integrated date-fns for intelligent due date displays

Soft Skills

Collaborative problem-solver with analytical skills from data engineering background, applied to debugging and optimizing frontend applications. Self-directed learner with meticulous attention to detail in UI implementation.