

Tim Kravel

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TKDevDesign.com
[GitHub/TKravel](https://GitHub.com/TKravel)

Highly motivated self-starter seeking to transition to a role within the MERN stack after a decade of creating geometric code programs for industrial controllers and machining aerospace parts. I thrive within a fast-paced environment involving problem solving, rapidly changing requirements, time management skills, and attention to detail.

Skills: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, Mongoose ODM, GIT, NPM

Projects: Live demos at TKDevDesign.com

Movie search

github.com/TKravel/movie-search-client

React / Node.js / Express.js

Connects to a Restful API to retrieve streaming availability for Netflix or Prime Video. Consumes JSON data to display movie poster, data, and trailer links to the user. API calls are proxied through an express server to utilize environment variables to protect sensitive data from the client.

Parent helper

github.com/TKravel/parent-helper

React / React router / Redux / Node.js / Express.js / MongoDB

Track multiple aspects of your child's day by creating, updating, reading, and deleting data from a NoSQL database. User authentication and authorization is handled using JSON Web Tokens and react's context API. User data is handled by Redux and displayed in a paginated table.

Quit smoking goal tracker

github.com/TKravel/quit-calc-client

React / React router / Material UI / Node.js / NoSQL

Register to create, track, and collect completed goals. Responsive design with form elements created using Material UI inputs that are validated by react-hook-forms NPM package. Connects to a MongoDB cloud atlas cluster using Mongoose ODM to persist user data.

Weather app

github.com/TKravel/weather-app-client

React / Jest testing / Node.js / Express.js

Retrieves weather data from a third-party Rest API to display to the user. User input auto complete is powered by Google Places API. Client application uses react testing library and Jest for testing. Responsive design and mobile friendly.

Experience:

Digital Machine Company - *CNC Programmer / CNC Set-up*

Aug 2012 — Feb 2021

- Created and refactored G-code programs for CNC industrial machine controllers.
- Mentored and managed new employees, helping them to reach deadlines on time.
- Collaborated with other department leads to schedule job workflows and start times.
- Worked with clients on research and development to translate new ideas into reality.
- Installed tooling, set geometry, and set tool offsets on 2 axis CNC lathes.
- Tested set ups to ensure job is running correctly and efficiently.
- Interpreted blueprints to maintain precise requirements from engineer's specifications.